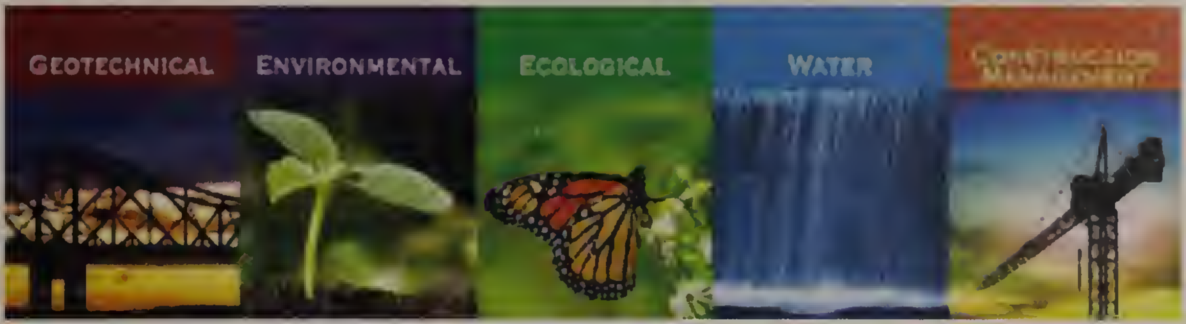
SOMERVILLE PUBLIC LIBRARY
3 1155 00805 6389

GZA

Proactive by Design



Phase I Initial Site Investigation And Tier Classification

3 Charlton Street
Everett, Massachusetts
RTN 3-33705

July 2017
File No. 01.0171521.60

PREPARED FOR:
Wynn MA, LLC
Everett, Massachusetts

GZA GeoEnvironmental, Inc.
249 Vanderbilt Avenue | Norwood, MA 02062
800-789-5848

28 Offices Nationwide
www.gza.com

REF
333.
714
GZ

Copyright© 2017 GZA GeoEnvironmental, Inc.

b36835183

GZA
Proactive by Design

GEOTECHNICAL
ENVIRONMENTAL
ECOLOGICAL
WATER
CONSTRUCTION MANAGEMENT

249 Vanderbilt Avenue
Norwood, MA 02062
781.278.3700
www.gza.com

July 21, 2017
File No. 01.0171521.60

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup
Northeast Regional Office, 205B Lowell Street
Wilmington, Massachusetts 01887

Re: Phase I Initial Site Investigation and Tier Classification
3 Charlton Street
Everett, Massachusetts
RTN 3-33705

To Whom It May Concern:

On behalf of Wynn MA, LLC, GZA GeoEnvironmental, Inc. (GZA) has prepared this Phase I Initial Site Investigation Report (Phase I ISI) and Tier Classification (TC) Submittal for Massachusetts Department of Environmental Protection (MassDEP) Release Tracking Number (RTN) 3-33705. This RTN is associated with the detection of trichloroethene (TCE) in soil during explorations conducted in support of the installation of a service road along the rear (northwest) of the property located at 80 Broadway in Everett, Massachusetts (Site).

This Phase I ISI and TC have has been prepared in accordance with Sections 40.0480 and 40.0500 of the Massachusetts Contingency Plan (MCP). Transmittal Forms BWSC107 (Tier Classification) and BWSC107B (Tier Classification Compliance History) were electronically signed and submitted online to the MassDEP using eDEP concurrent with this submittal. Copies of the forms are included in Appendix A. This report is subject to the Limitations in Appendix B.

If you have any questions or require further information, please contact the undersigned at 781-278-3700.

Very truly yours,
GZA GEOENVIRONMENTAL, INC.

David E. Leone
Associate Principal

Lawrence Feldman
Lawrence Feldman, LSP
Senior Principal

Attachments: Report

cc: Jacqui Krum, Everett Property, LLC

An Equal Opportunity Employer M/F/V/H

TABLE OF CONTENTS

1.0 INTRODUCTION 1

2.0 PHASE I INITIAL SITE INVESTIGATION 1

2.1 GENERAL DISPOSAL SITE INFORMATION (310 CMR 40.0483(1)(A)) 1

2.2 DISPOSAL SITE MAP (310 CMR 40.0483 (1)(B)) 2

2.3 DISPOSAL SITE AND RELEASE HISTORY (310 CMR 40.0483 (1)(2)(C)) 2

2.4 SITE HYDROGEOLOGICAL CHARACTERISTICS (310 CMR 40.0483 (1)(D)) 5

2.5 NATURE AND EXTENT OF CONTAMINATION (310 CMR 40.0483(1)(E) 6

2.6 MIGRATION PATHWAYS AND EXPOSURE POTENTIAL (310 CMR 40.0483 (1)(F)) 6

2.7 EVALUATION FOR IMMEDIATE RESPONSE ACTIONS (310 CMR 40.0483 (1)(G)) 7

2.8 CONCLUSIONS (310 CMR 40.0483 (1)(H)) 7

2.9 PHASE I COMPLETION STATEMENT (310 CMR 40.0484 (1)(2)) 7

2.10 PHASE I OUTCOME (310 CMR 40.04806) 7

3.0 TIER CLASSIFICATION 8

3.1 TIER CLASSIFICATION (310 CMR 40.0510 AND 40.0520) 8

4.0 CONCEPTUAL PHASE II SCOPE OF WORK 8

5.0 PUBLIC INVOLVEMENT 9

TABLES

TABLE 1 SOIL ANALYTICAL RESULTS

TABLE 2 GROUNDWATER ANALYTICAL RESULTS

FIGURES

FIGURE 1 LOCUS PLAN

FIGURE 2 SITE PLAN

TABLE OF CONTENTS

APPENDICES

APPENDIX A BWSC TRANSMITTAL FORMS (107 and 107B)
APPENDIX B LIMITATIONS
APPENDIX C MASSDEP PRIORITY RESOURCE MAP
APPENDIX D SOIL ANALYTICAL DATA
APPENDIX E GROUNDWATER ANALYTICAL DATA
APPENDIX F BORING LOGS
APPENDIX G PUBLIC NOTIFICATION DOCUMENTATION

1.0 INTRODUCTION

On behalf of Wynn MA, LLC, GZA GeoEnvironmental, Inc. (GZA) has prepared this Phase I Initial Site Investigation Report (Phase I ISI) and Tier Classification (TC) Submittal for Massachusetts Department of Environmental Protection (MassDEP) Release Tracking Number (RTN) 3-33705. This RTN is associated with the detection of trichloroethene (TCE) in soil during explorations conducted in support of the installation of a service road along the rear (northwest) portion of the property located at 80 Broadway in Everett, Massachusetts (the Site).

This Phase I ISI and TC have been prepared in accordance with Sections 40.0480 and 40.0500 of the Massachusetts Contingency Plan (MCP), respectively. This Site has been Tier Classified as a Tier II Site, as the Site did not meet any of the Tier 1 Criteria presented in Section 40.0520(2) of the MCP. The original Bureau of Waste Site Cleanup (BWSC) Transmittal Forms 107 (Tier Classification) and 107B (Tier Classification Compliance History) were electronically signed and submitted online to the MassDEP using eDEP concurrent with this submittal. Copies of these forms are included in Appendix A. This report is subject to the Limitations provided in Appendix B.

2.0 PHASE I INITIAL SITE INVESTIGATION

2.1 GENERAL DISPOSAL SITE INFORMATION (310 CMR 40.0483(1)(A))

The Site consists of a paved access road to the rear (northwest) of 80 Broadway in Everett, Middlesex County, Massachusetts. The Site was acquired by Wynn MA, LLC from the Massachusetts Bay Transportation Authority (MBTA) and redeveloped into a service road. A site Locus Plan is presented as Figure 1. The approximate coordinates for the Site are 71° 3' 59.4" west longitude and 42° 23' 56.4" north latitude (UTM Coordinates are 329938 meters east and 4696154 meters north).

During subsurface investigations associated with ongoing redevelopment at the Site, soil samples from one exploration (SR11) indicated concentrations of TCE above the applicable MCP Reportable Concentration for soil categorized as RCS-2. A 120-day Release Notification Form (RNF, BWSC-103) was submitted to MassDEP on July 19, 2016, and RTN 3-33705 was assigned to the Site. The Site is within the boundaries of a Release Abatement Measure (RAM) Plan currently ongoing under RTN 3-13341.

The Site is adjoined to the west by railroad tracks, beyond which is the Gateway shopping center. An MBTA bus repair facility adjoins the Site to the south and east; one of the MBTA buildings (the main repair shop) is located approximately 50 feet from exploration SR11. A property located at 3 Charlton Street, which has been redeveloped into an office/warehouse facility, adjoins the Site to the north.

The Site is located in a heavily developed commercial, industrial and residential area of Everett. The closest residential properties are located on Broadway, approximately 800 feet east of the Site. Based on information available through the 2010 United States Census, the population density for Everett is approximately 11,000 residents per square mile, resulting in an estimated 8,600 residents within ½ mile of the Site; however, the actual population in the area of the Site is likely to be significantly less, given the commercial and industrial nature of nearby properties. No Institutions as defined by the MCP have been identified within 500 feet of the Site.

Based on the MassDEP Priority Resource Map for the area, a copy of which is included as Appendix C, the Site is not located within a Potentially Productive Aquifer, an EPA Designated Sole Source Aquifer, a Zone II drinking water area or an Interim Wellhead Protection Area (IWPA). No vernal pools, lakes, reservoirs, Areas of Critical Environmental Concern, Species of Special Concern, or Threatened or Endangered Species have been identified within 500 feet of the Site. An area of freshwater wetlands is depicted across the railroad tracks to the northwest.

2.2 DISPOSAL SITE MAP (310 CMR 40.0483 (1)(B))

Disposal Site boundaries are shown on the Site Plan presented as Figure 2. As previously noted, the RNF was submitted in response to detections of elevated concentrations of TCE in one exploration (SR11). Soil and groundwater samples obtained from nearby explorations did not indicate detectable concentrations of TCE.

2.3 DISPOSAL SITE AND RELEASE HISTORY (310 CMR 40.0483 (1)(2)(C))

Much of the general area in which the Site parcels are located was formerly occupied by marshes associated with the Mystic River. The area was filled in the late 1800s and early to mid-1900s. The Site properties and the surrounding areas have been used for a variety of industrial and commercial purposes, including chemical manufacturing, a brick yard, metal fabrication, vehicle maintenance, fabric coating, and filling stations, since the early 1900s. The chemical manufacturing and some other industrial operations have ceased, and portions of former industrial land have been re-developed for commercial and residential purposes.

The property at 80 Broadway has been used for maintenance activities by MBTA and its predecessors since the 1920s. Six RTNs have been issued for the MBTA's bus maintenance facility; some cover the property as a whole and some apply only to smaller areas within the property. These RTNs are as follows:

- RTN 3-312 was issued in 1987 due to the detection of metals and polynuclear aromatic hydrocarbons (PAHs) in soil; a Class B-1 Response Action Outcome (RAO) Statement has been submitted for this release.

- RTN 3-17754 was issued in 1998 due to the detection of diesel fuel related to an underground storage tank (UST); a Class A-2 RAO has been submitted for this release.

- RTN 3-18140 was issued in 1999 due to the detection of PAHs in soil following the excavation of two USTs; a Class B-1 RAO has been submitted for this release.

- RTN 3-23351 was issued in 2003 due to the detection of PAHs and arsenic in soil; a Class B-1 RAO has been submitted for this release.

- RTN 3-24832 was issued in 2005 due the presence of PAHs and arsenic in soil to be excavated during utility work; a URAM Completion Report has been submitted for this release.

- RTN 3-29999 was issued in 2011 due to the detection of metals and petroleum hydrocarbons in soil; this release is currently in Phase IV of response actions under the MCP.

Additional information concerning these releases is provided below.

RTN 3-312

According to a report entitled, "Response Action Outcome Statement, MBTA Everett Maintenance Facility, 80 Broadway, Everett, Massachusetts, RTN 3-0312," dated December 30, 1998, and prepared by Rizzo Associates, Inc. (Rizzo) of Natick, Massachusetts, the MBTA maintenance facility site was listed by MassDEP in 1987 due to the detection of metals and PAHs in surficial soil. The disposal site was defined as the entire 80 Broadway property, reported to occupy approximately 20 acres. In its discussion of release history, Rizzo reported that, "in 1981, a sample of an unknown substance collected from beneath the Bus Overhaul Shop was submitted to Briggs Associates for testing as part of the expansion of the Bus Overhaul Shop; the material was reported to be nonhazardous. In 1982, the Department of Environmental Quality Engineering (DEQE, [now the MassDEP]) issued a letter to the MBTA demanding that discharges of solvents to the floor drains at the facility stop immediately. No additional information regarding this issue was available from the DEP or MBTA." Rizzo further reported that Certified Engineering and Testing Company (Certified) installed approximately 40 shallow borings at the site in 1987, and that a sample from each boring was submitted for chemical analysis. Rizzo also conducted additional soil and groundwater analyses as part of its work at the site. It does not appear that any of the explorations were located in the area of RTN 3-33705.

High concentrations of metals and PAHs were reported in many of the soil samples analyzed; volatile organic compounds (VOCs) and/or PCBs were also identified in some soil samples. According to Rizzo's summary tables, of the VOCs detected, only the concentration of TCE detected in soil from borings RIZ-3, RIZ-4, and GP-4 exceeded the current MCP Method 1 S-1/GW-2 standard of 0.3 mg/kg. In 2002, TCE was also detected in a groundwater sample from monitoring well RIZ-3 at a concentration of 15 ug/L, which is above the current MCP Method 1 GW-2 standard of 5 ug/L; the concentration of TCE measured in a sample collected from RIZ-3 in 2003 was below the GW-2 standard. Locations RIZ-3, GP-3, and GP-4 are close to the Main Repair Shop building, and are located approximately 250 feet south of RTN 3-33705. Soil samples collected between the locations of RTN 3-33705 and 3-312 did not indicate detectable concentrations of TCE.

Lead was detected at concentrations up to 52,000 mg/kg, copper at up to 4,900 mg/kg, and zinc at up to 5,800 mg/kg. Contaminants were detected in groundwater "only at very low concentrations." Rizzo concluded that "the contaminants identified at the Site are likely attributable to historic use of the property as a maintenance facility and the presence of ash, cinder, and slag-containing fill materials at the Site." The report also noted that early maps of the site showed that it consisted of marshes, and concluded that fill materials used by the Cochran/Merrimack Chemical Company and subsequent owners to produce the current grade may represent a source of the contamination observed at the site. Based on the presence of extensive fill deposits, including ash, at the site, Rizzo concluded that much of the lead and PAHs at the site were attributable to urban background conditions and therefore excluded these constituents from the risk characterization except for samples collected from locations where ash was not present.

Rizzo noted that the MBTA's bus maintenance operations have included the storage and use of large quantities of oil and hazardous materials and likely represent the source of the total petroleum hydrocarbons and VOCs identified in groundwater. Rizzo reported a generally westerly to southwesterly direction of groundwater flow.

RTN 3-17554

GZA reviewed a report entitled, "Phase II Comprehensive Site Assessment and Class A-2 Response Action Outcome Statement, Everett Shops, 80 Broadway, Everett, Massachusetts, Release Tracking Number 3-17554," dated May 21, 2003 and prepared by ATC Associated, Inc. (ATC). MassDEP was notified of a reportable release on November 10, 1998, due to conditions encountered during the removal of a 500-gallon diesel fuel UST from the central portion of the MBTA property,

approximately 500 feet south of RTN 3-33705. According to ATC, a total of 2.41 tons of petroleum impacted soils was removed and disposed of off-site. Analysis of confirmatory soil samples from the bottom and west wall of the excavation indicated the presence of PAHs in excess of applicable Method 1 standards. Additional investigation identified the PAH compound benzo(a)pyrene in soil from the excavation area in excess of Method 1 S-3/GW-2 and S-3/GW-3 standards; lower concentrations were found in soil samples from around the excavated area. Contaminants were not detected in groundwater at concentrations above the Method 1 GW-2 or GW-3 standards in effect at that time or currently. Average PAH concentrations in soil exceeded Method 1 S-1 standards, but ATC concluded that the PAH concentrations were consistent with background conditions in the area. ATC concluded that the site met the MCP requirements for a Class A-2 RAO.

RTN 3-18140

GZA reviewed a report entitled, "Phase II Comprehensive Site Assessment and Class B-1 Response Action Outcome Statement, Everett Shops, 80 Broadway, Everett, Massachusetts, Release Tracking Number 3-18140," dated May 30, 2003, and prepared by ATC. This RTN was issued in response to the detection of reportable concentrations of PAHs in soil samples collected from the excavation from which two 500-gallon lubricating oil and motor oil USTs were removed on November 25, 1998. The disposal site for RTN 3-18140 occupies an approximately 60-foot by 100-foot area adjacent to the northeast corner of the Main Repair Shop building, approximately 350 feet to the east of RTN 3-33705. Based on the detection of only low concentrations of petroleum constituents in soil and groundwater samples collected during its Phase II study, Rizzo concluded that remedial activities were not required, and that the site met the requirements for a Class B-1 RAO.

RTN 3-23351

On December 9, 2005, ATC issued a report entitled, "Class B-1 Response Action Outcome Statement and Method 3 Risk Characterization, MBTA Bus Maintenance Facility/CNG, 80 Broadway, Everett, Massachusetts, RTN 3-23351." According to this report, elevated levels of PAHs and arsenic were discovered in soil during preliminary investigations for a project to upgrade the MBTA facility and convert it to a site that could accommodate compressed natural gas (CNG). On November 6, 2003, MassDEP was notified of the presence of elevated concentrations of arsenic (35 mg/kg) and PAHs in soil, and RTN 3-23351 was issued for this incident. The release area is approximately 1,200 feet south of RTN 3-33705. ATC attributed the source of the elevated PAHs and arsenic to the presence of coal ash associated with urban fill. Contaminant concentrations in groundwater were reported to be below reportable concentrations. ATC concluded that it was not feasible to conduct remediation to approach or achieve background concentrations of site contaminants, but that the contaminants posed No Significant Risk for potential future residential receptors, construction /utility workers, and maintenance workers.

RTN 3-24832

MassDEP files contain a report entitled, "Utility Related Abatement Measure (URAM) Completion Report, Release Tracking Number 3-24832, NSTAR Electric & Gas, 115 kV Electric Power Transmission Line Construction, 80 Broadway, Everett, Massachusetts," dated January 2006 and prepared by NSTAR Electric & Gas (NSTAR). According to the report, NSTAR constructed a subsurface 115kV electric power transmission line connecting to the aboveground transmission line located on the MBTA property. The line extends from the Mystic Station electric power generating facility along Alford Street and Broadway to Chemical Lane to the MBTA property. Because the MBTA property was a listed MCP site (RTN 3-23351, related to the presence of arsenic and PAHs in soil, as discussed above), on May 6, 2005, NSTAR notified MassDEP of the proposed work, and MassDEP issued RTN 3-24832 for the subsurface utility work. Approximately 400 tons of soil was generated during the construction work; most of this was re-used on the site as backfill, but approximately 69 cubic yards

of soil was transported off-site for use as daily cover material at a Massachusetts landfill. Water generated during construction dewatering was recharged on-site within 100 feet of the excavation. The report indicated that soil transported from the site was submitted for disposal characterization analysis; however, the results of these analyses were not included in the copy of the report available on MassDEP's web site. The location of RTN 3-24832 is approximately 1,200 feet south of RTN 3-33705.

RTN 3-29999

GZA reviewed a report entitled, "Phase III Remedial Action Plan, Everett Bus Main Repairs and Environmental Remediation Project, 80 Broadway, Everett, Massachusetts, DEP Release Tracking Number 3-29999," dated February 13, 2013, and a report entitled "Phase IV Remedy Implementation Plan, Everett Bus Main Repairs and Environmental Remediation Project, 80 Broadway, Everett, Massachusetts, DEP Release Tracking Number 3-29999," dated May 2016. Both reports were prepared by Nover-Armstrong Associates, Inc. (NAA) of Carver, Massachusetts. The property covered by these reports includes the Bus Repair building (the easternmost of the MBTA buildings located approximately 500 feet south of RTN 3-33705) and immediately surrounding paved areas; it does not include the area of RTN 3-33705.

NAA reported that arsenic, cadmium, trivalent chromium, lead, mercury, and total petroleum hydrocarbons were detected in surface soils in the Bus Repair Building basement at concentrations exceeding UCLs; hexavalent chromium was reported to not be present. Groundwater sampling indicated the presence of 2,700 mg/L of total petroleum hydrocarbons (TPH), further identified as lubricating oil, in a sample collected from within the Diesel Repair Area, beneath the hydraulic lift service bays; this concentration exceeded the applicable MCP Method 1 GW-2 and GW-3 standards. Detectable concentrations of petroleum constituents and/or dissolved metals were identified in samples from other monitoring wells, but at concentrations below GW-2 and GW-3 standards. A Method 3 risk characterization concluded that the site posed a significant risk to human health and welfare, and that these risks could be mitigated by the installation of an engineered barrier and the implementation of an AUL prohibiting the development of the site for residential use or uses in which children are frequently present. The remedial alternative recommended by NAA was the placement of approximately 11,000 cubic yards of cellular concrete (a low-density, flowable concrete which is a mixture of cement, water, and preformed foam) to fill the basement crawlspace beneath a portion of the building, and the construction of a "stand-alone engineered barrier" in the diesel repair and CNG repair areas of the building, as well as the implementation of an AUL. Response actions are ongoing.

2.4 SITE HYDROGEOLOGICAL CHARACTERISTICS (310 CMR 40.0483 (1)(D))

The Site's hydrogeological characteristics have been assessed using subsurface information obtained during subsurface investigations at the Site, and from a review of the U.S. Geological Survey Boston North Quadrangle topographic map.

Fill materials including ash, cinders, coal, and other constituents typical of "urban fill" have been encountered in most explorations in the area; the thickness of the fill typically ranges from approximately 5 to 15 feet. Natural deposits underlying the fill material consist of relatively fine-grained materials including silt and clay. Bedrock outcrops are not present in the area.

GZA anticipates the regional groundwater flow direction to be generally southerly toward the Mystic River. However, localized flow directions in the area of the Site may vary as a result of underground utilities or heterogeneous subsurface conditions; GZA notes that varying directions of groundwater flow have been reported in studies of nearby properties.

2.5 NATURE AND EXTENT OF CONTAMINATION (310 CMR 40.0483(1)(E)

In addition to the RTNs for the 80 Broadway property discussed in Section 2.3, and as previously noted, the Site is within the boundaries of a RAM Plan currently ongoing under RTN 3-13341. This RAM was initiated in support of redevelopment of the property at 1 Horizon Way, and the Site lies along a service road leading to this property. As part of the soil precharacterization program associated with the redevelopment, GZA collected a series of soil and groundwater samples along the path of the service road. Samples SR11 0 ft-5 ft and SR 11 5 ft-10 ft were collected on June 28, 2016. The samples were submitted under a chain of custody to ESS Laboratories in Cranston, Rhode Island, for analysis of VOCs, semi-volatile organic compounds (SVOCs), TPH, polychlorinated biphenyls (PCBs), MCP-14 metals (antimony, arsenic, barium, beryllium, cadmium, chromium, lead, mercury, nickel, selenium, silver, thallium, vanadium, and zinc), pesticides, herbicides, conductivity, pH, reactivity (cyanide and sulfide), and flashpoint. The VOC TCE was detected in both samples (22 mg/kg and 10.5 mg/kg, respectively). In addition, elevated concentrations of lead were detected in the samples from SR10 and SR11; however, those results were consistent with concentrations previously reported under the RTNs discussed above.

GZA reviewed analytical data from samples collected immediately to the north and south of SR11. Samples U16 0-5 (feet) and U16 5-10 (feet) were collected on February 19, 2016, and samples SR10 0 ft-5 ft and SR10 5 ft – 10 ft were collected on June 28, 2016. These four samples were analyzed for the same set of chemical parameters as the samples from SR11; TCE was not detected in the samples. In addition, GZA reviewed groundwater analytical results from a sample obtained from U16 on March 4, 2016; TCE was not detected in that sample either. Based on these data, the extent of TCE along the service road appears to be limited to soils in the immediate vicinity of SR11; however, additional explorations are warranted to define the vertical and horizontal extents of the impacts. GZA notes that soils at SR11 from approximately 0 to 5 feet below ground surface (bgs) were removed and disposed of off-Site at Waste Management's Turnkey Landfill in Rochester, New Hampshire, as part of the RAM under RTN 3-13341.

Soil analytical results for the explorations discussed above are summarized on Table 1, and are included as Appendix D; Groundwater analytical results are summarized on Table 2, and are included as Appendix E. Boring logs are included as Appendix F.

2.6 MIGRATION PATHWAYS AND EXPOSURE POTENTIAL (310 CMR 40.0483 (1)(F))

The Site is situated in a commercial and industrial area, with residential properties located approximately 800 feet to the east. Groundwater flow from the Site area is anticipated to be in a southerly direction.

The Site is currently paved, reducing the potential for migration of VOCs via airborne dust. Groundwater was reported in U16 at a depth of approximately 4 feet bgs; however, Site data indicates volatile constituents are not present in groundwater. Hence, migration of volatiles via groundwater is not considered a potential exposure pathway. Further, no occupied structures are located within 30 feet of the SR11; therefore, vapor intrusion of VOCs into indoor air is not anticipated.

Given the current use of the property as a restricted access road, coupled with the soil and groundwater analytical results, the likelihood of contact between potential human receptors (i.e., employees, customers, and trespassers) is very low.

If further construction is required as part of redevelopment at the Site, it could result in exposure pathways to residual VOCs. Based on laboratory data and Site observations, potential exposures to VOCs associated with the soils are anticipated to be limited and associated risks to workers could be readily addressed by adherence to standard health or

safety procedures such as air quality monitoring, personal protective equipment, and application of requirements for entering trenches.

The current MassDEP Priority Resource Map for the Site and surrounding area shows that the Site is not located within a Current or Potential Drinking Water Source Area or other resource area. There is no data which indicates VOCs are present in downgradient explorations. Accordingly, significant impacts on environmental receptors would not be anticipated.

2.7 EVALUATION FOR IMMEDIATE RESPONSE ACTIONS (310 CMR 40.0483 (1)(G))

Per Section 310 CMR 40.0412 of the MCP, Immediate Response Action (IRA) activities shall be conducted at the following sites:

(1) sites or vessels where a release or threat of release of oil and/or hazardous material has occurred which requires the notification to the Department under the "Two Hour" notification provisions of 310 CMR 40.0311 or 40.0312;

(2) sites where a release or threat of release of oil and/or hazardous material has occurred which requires notification to the Department under the "72 Hour" notification provisions of 310 CMR 40.0313 or 40.0314;

(3) site where a release of oil and/or hazardous material has resulted in conditions which have been determined to pose an Imminent Hazard pursuant to 310 CMR 40.0950; and

(4) any other site or vessel where the Department determines that immediate or accelerated response actions are necessary to prevent, eliminate, or minimize the damage to health, safety, public welfare or the environment.

Based on a review of data available to date, Site conditions have not triggered MassDEP reporting criteria that would require IRA activities or pose and Imminent Hazard, and MassDEP has not indicated that immediate or accelerated response actions area necessary at this time. Based on this information, it is GZA's opinion that IRA activities are not required at the Site at this time.

2.8 CONCLUSIONS (310 CMR 40.0483 (1)(H))

Based on the current data set, it is GZA's opinion that Site conditions do not appear to present a significant threat to human or environmental receptors; however, as the extent of the release has not yet been defined, additional assessment is warranted, and therefore a Permanent Solution cannot be achieved at this time. To address MCP requirements, we have completed a Tier Classification Submittal. This work indicates that the Site is classified as a Tier II Disposal Site under the MCP.

2.9 PHASE I COMPLETION STATEMENT (310 CMR 40.0484 (1)(2))

It is the opinion of the LSP-of-Record that the requirements for a Phase I Initial Site Investigation report have been met. The appropriate BWSC Form 107 has been filed electronically using eDEP concurrent with this submittal.

2.10 PHASE I OUTCOME (310 CMR 40.04806)

The following outcomes are possible upon completion of a Phase I Report:

1. Comprehensive Response Actions are necessary at the disposal site. Tier Classification of the site pursuant to the provisions of 310 CMR 40.0500 shall be undertaken by RPs, PRPs, or Other Persons, if necessary, and prior to the initiation of Comprehensive Remedial Actions; or

2. The requirements of a Permanent Solution have been met, pursuant to the provisions of 310 CMR 40.1000, and a Permanent or Temporary Solution Statement shall be submitted to the Department by the RP, PRP, or Other Person conducting response actions.

For RTN 3-33705, Item (1) above is the appropriate outcome as additional explorations are warranted to define the vertical and horizontal extents of the impacts.

3.0 TIER CLASSIFICATION

3.1 TIER CLASSIFICATION (310 CMR 40.0510 AND 40.0520)

Per Section 40.0520(2) of the MCP, any disposal site which meets the following criteria at the time of Tier Classification shall be classified as Tier I:

(a) There is evidence of groundwater contamination with oil and/or hazardous material at concentrations equal to or exceeding the applicable RCGW-1 Reportable Concentration set forth in 310 CMR 40.0360, and such groundwater is located within an Interim Wellhead Protection Area, Zone II, or within 500 feet of a Private Water Supply Well;

(b) An Imminent Hazard is present;

(c) One or more remedial actions are required as part of an Immediate Response Action pursuant to 310 CMR 40.0414(2); or

(d) One or more response actions are required as part of an Immediate Response Action to eliminate or mitigate a Critical Exposure Pathway pursuant to 310 CMR 40.0141(3).

In accordance Section 40.0520(4) of the MCP, any disposal site that is not Tier ID per Sections 40.0502 or 40.0520(5) of the MCP, and that does not meet the Tier I Criteria described in Section 40.0520(2) of the MCP, shall be classified as Tier II. The Site does not meet the requirements of Tier ID, and the Tier I Criteria listed in Section 40.0520(2) do not apply to the Site. Accordingly, it is the opinion of the LSP-of-Record that the Site should be classified as Tier II.

4.0 CONCEPTUAL PHASE II SCOPE OF WORK

In accordance with Section 40.0510(2)(f) of the MCP, the following Conceptual Phase II Scope of Work has been prepared.

- Additional soil samples will be collected from the vicinity of SR11 to assess the vertical and horizonal extent of TCE impacts; and

- Analytical data will be used to assess the risks to human health, welfare, safety and the environment.

Phase II activities will commence following the submittal of the Phase I Report and Tier Classification Submittal. Analytical data will be evaluated upon receipt, and an assessment regarding Site closure will be completed.

5.0 PUBLIC INVOLVEMENT

Public involvement activities related to this submission have been conducted in accordance with 310 CMR 40.1400 of the MCP. The Chief Municipal Officer and Board of Health in the City of Everett have been notified of the availability of this Phase I ISI Report and Tier Classification Submittal. In addition, a letter has been sent to the mailing list for the Public Involvement Plan (PIP) for RTN 3-13341 notifying recipients of the availability of this report, and inviting comments. Copies of the public notification letters are included in Appendix G.

In accordance with Section 40.0510(3), within seven days of filing the Tier Classification Submittal, a public notice will be published in a local newspaper.

Tables

TABLE 1
SOIL ANALYTICAL RESULTS
Service Road
Everett, Massachusett

Analyte	Precharacterization Cell ID	SR10	SR10	SR11	SR11	U16	U16
	Sample Name	SR-10 0ft-5ft	SR-10 5ft-10ft	SR-11 0ft-5ft	SR-11 5ft-10ft	U16S01S03A	U16S03BS05
	Lab Sample ID	1606712-05	1606712-06	1606712-07	1606712-08	1602442-10	1602442-11
	Sample Depth	0-5	5-10	0-5	5-10	0-5	5-10
	Sample Date	6/28/2016	6/28/2016	6/28/2016	6/28/2016	2/19/2016	2/19/2016
Total Metals	Units						
Antimony	mg/kg	5.09	2.73	1.43	1.84	< 4.60	< 5.39
Arsenic	mg/kg	13	8.98	10.6	19.6	11.7	12.6
Barium	mg/kg	256	192	234	203	71.5	52.2
Beryllium	mg/kg	0.18	0.2	0.33	0.45	0.77	0.54
Cadmium	mg/kg	< 0.54	< 0.55	< 0.54	0.76	0.54	< 0.54
Chromium	mg/kg	14.8	12.4	19.3	15.8	17.9	18.8
Lead	mg/kg	2040	1180	1240	991	135	167
Mercury	mg/kg	2.09	1.99	0.547	0.684	0.298	0.714
Nickel	mg/kg	10.9	10.6	14.9	16.4	15.8	28.3
Selenium	mg/kg	3.34	1.8	1.17	1.36	< 2.30	< 2.69
Silver	mg/kg	0.85	0.61	< 0.54	< 0.54	1.65	1.31
Thallium	mg/kg	< 0.54	< 0.55	< 0.54	< 0.54	< 0.46	< 0.54
Vanadium	mg/kg	14.1	15.3	18.9	14.8	22.2	24.3
Zinc	mg/kg	244	180	280	321	95.6	432
TCLP Metals							
Lead, TCLP	mg/l	2.59	4.93	0.608	0.512	0.053	0.125
Pesticides							
4,4'-DDD	mg/kg	<0.0066	<0.0069	<0.0067	<0.007	<0.0071	<0.0072
4,4'-DDE	mg/kg	<0.0066	<0.0069	<0.0067	<0.007	<0.0071	<0.0072
4,4'-DDT	mg/kg	<0.0066	<0.0069	<0.0067	<0.007	<0.0071	<0.0072
Aldrin	mg/kg	<0.0066	<0.0069	<0.0067	<0.007	<0.0071	<0.0072
alpha-BHC	mg/kg	<0.0066	<0.0069	<0.0067	<0.007	<0.0071	<0.0072
beta-BHC	mg/kg	<0.0066	<0.0069	<0.0067	<0.007	<0.0071	<0.0072
Chlordane	mg/kg	<0.053	<0.0549	<0.0534	<0.0564	<0.0566	<0.058
delta-BHC	mg/kg	<0.0066	<0.0069	<0.0067	<0.007	<0.0071	<0.0072
Dieldrin	mg/kg	0.018	0.0496	0.0067	<0.007	<0.0071	<0.0072
Endosulfan I	mg/kg	<0.0066	<0.0069	<0.0067	<0.007	<0.0071	<0.0072
Endosulfan II	mg/kg	<0.0066	<0.0069	<0.0067	<0.007	<0.0071	<0.0072
Endosulfan sulfate	mg/kg	<0.0066	<0.0069	<0.0067	<0.007	<0.0071	<0.0072
Endrin	mg/kg	<0.0066	<0.0069	<0.0067	<0.007	<0.0071	<0.0072
Endrin ketone	mg/kg	<0.0066	<0.0069	<0.0067	<0.007	<0.0071	<0.0072
Heptachlor	mg/kg	<0.0066	<0.0069	<0.0067	<0.007	<0.0071	<0.0072
Heptachlor epoxide	mg/kg	<0.0066	<0.0069	<0.0067	<0.007	<0.0071	<0.0072
Hexachlorobenzene	mg/kg	<0.0066	<0.0069	<0.0067	<0.007	<0.0071	<0.0072
Lindane	mg/kg	<0.004	<0.0041	<0.004	<0.0042	<0.0042	<0.0043
Methoxychlor	mg/kg	<0.0066	<0.0069	<0.0067	<0.007	<0.0071	<0.0072
Toxaphene	mg/kg	<0.331	<0.343	<0.333	<0.352	--	--
Total Pesticides	mg/kg	0.018	0.0496	0.0067	ND	ND	ND
Herbicides							
2,4,5-T	mg/kg	<0.011	<0.011	<0.011	<0.012	<0.011	<0.012
2,4,5-TP (Silvex)	mg/kg	<0.011	<0.011	<0.011	<0.012	<0.011	<0.012
2,4-D	mg/kg	<0.054	<0.054	<0.052	<0.057	<0.053	<0.059
2,4-DB	mg/kg	<0.055	<0.054	<0.053	0.091	<0.054	<0.06
Dalapon	mg/kg	<0.052	<0.052	<0.051	0.257	<0.051	<0.057
Dicamba	mg/kg	<0.011	<0.011	<0.01	0.045	<0.011	0.012
Dichlorprop	mg/kg	<0.054	<0.054	<0.052	<0.057	<0.053	0.604
Dinoseb	mg/kg	<0.055	<0.054	<0.053	<0.058	<0.054	<0.06
MCPA	mg/kg	<2.67	<2.66	<2.59	<2.82	<2.62	<2.92
MCPP	mg/kg	<2.7	<2.69	<2.61	<2.85	<2.65	<2.95
Total Herbicides	mg/kg	ND	ND	ND	0.393	ND	0.616
PCBs							
Aroclor 1016	mg/kg	<0.0663	<0.0687	<0.0667	<0.0705	<0.0707	<0.0725
Aroclor 1221	mg/kg	<0.0663	<0.0687	<0.0667	<0.0705	<0.0707	<0.0725
Aroclor 1232	mg/kg	<0.0663	<0.0687	<0.0667	<0.0705	<0.0707	<0.0725
Aroclor 1242	mg/kg	<0.0663	<0.0687	<0.0667	<0.0705	<0.0707	<0.0725
Aroclor 1248	mg/kg	<0.0663	<0.0687	<0.0667	<0.0705	<0.0707	<0.0725
Aroclor 1254	mg/kg	<0.0663	<0.0687	<0.0667	<0.0705	<0.0707	<0.0725
Aroclor 1260	mg/kg	<0.0663	0.0816	0.169	0.0876	<0.0707	<0.0725
Aroclor 1262	mg/kg	<0.0663	<0.0687	<0.0667	<0.0705	<0.0707	<0.0725
Aroclor 1268	mg/kg	<0.0663	<0.0687	<0.0667	<0.0705	<0.0707	<0.0725
Total PCBs		ND	0.0816	0.169	0.0876	ND	ND
Total Petroleum Hydrocarbo	mg/kg	1710	2030	522	498	380	502
VOCs - Low Level							
1,1,1,2-Tetrachloroethane	mg/kg	--	--	--	--	<0.0031	<0.0044
1,1,1-Trichloroethane	mg/kg	--	--	--	--	<0.0031	<0.0044
1,1,2,2-Tetrachloroethane	mg/kg	--	--	--	--	<0.0012	<0.0018
1,1,2-Trichloroethane	mg/kg	--	--	--	--	<0.0031	<0.0044
1,1-Dichloroethane	mg/kg	--	--	--	--	<0.0031	<0.0044
1,1-Dichloroethene	mg/kg	--	--	--	--	<0.0031	<0.0044
1,1-Dichloropropene	mg/kg	--	--	--	--	<0.0031	<0.0044
1,2,3-Trichlorobenzene	mg/kg	--	--	--	--	<0.0031	<0.0044
1,2,3-Trichloropropane	mg/kg	--	--	--	--	<0.0031	<0.0044
1,2,4-Trichlorobenzene	mg/kg	--	--	--	--	<0.0031	<0.0044
1,2,4-Trimethylbenzene	mg/kg	--	--	--	--	<0.0031	<0.0044
1,2-Dibromo-3-chloropropane	mg/kg	--	--	--	--	<0.0031	<0.0044
1,2-Dibromoethane	mg/kg	--	--	--	--	<0.0031	<0.0044
1,2-Dichlorobenzene	mg/kg	--	--	--	--	<0.0031	<0.0044
1,2-Dichloroethane	mg/kg	--	--	--	--	<0.0031	<0.0044
1,2-Dichloropropane	mg/kg	--	--	--	--	<0.0031	<0.0044
1,3,5-Trimethylbenzene	mg/kg	--	--	--	--	<0.0031	<0.0044
1,3-Dichlorobenzene	mg/kg	--	--	--	--	<0.0031	<0.0044
1,3-Dichloropropane	mg/kg	--	--	--	--	<0.0031	<0.0044
1,4-Dichlorobenzene	mg/kg	--	--	--	--	<0.0031	<0.0044
1,4-Dioxane	mg/kg	--	--	--	--	<0.0618	<0.0884
2,2-Dichloropropane	mg/kg	--	--	--	--	<0.0031	<0.0044

TABLE 1
SOIL ANALYTICAL RESULTS
Service Road
Everett, Massachusett

Analyte	Precharacterization Cell ID	SR10	SR10	SR11	SR11	U16	U16
	Sample Name	SR-10 0ft-5ft	SR-10 5ft-10ft	SR-11 0ft-5ft	SR-11 5ft-10ft	U16S01S03A	U16S03BS05
	Lab Sample ID	1606712-05	1606712-06	1606712-07	1606712-08	1602442-10	1602442-11
	Sample Depth	0-5	5-10	0-5	5-10	0-5	5-10
	Sample Date	6/28/2016	6/28/2016	6/28/2016	6/28/2016	2/19/2016	2/19/2016
2-Butanone	mg/kg	--	--	--	--	0.007	<0.0088
2-Hexanone	mg/kg	--	--	--	--	<0.0062	<0.0088
4-Methyl-2-pentanone	mg/kg	--	--	--	--	<0.0062	<0.0088
Acetone	mg/kg	--	--	--	--	0.0405	<0.0088
Benzene	mg/kg	--	--	--	--	<0.0031	<0.0044
Bromobenzene	mg/kg	--	--	--	--	<0.0031	<0.0044
Bromochloromethane	mg/kg	--	--	--	--	<0.0031	<0.0044
Bromodichloromethane	mg/kg	--	--	--	--	<0.0031	<0.0044
Bromoform	mg/kg	--	--	--	--	<0.0031	<0.0044
Bromomethane	mg/kg	--	--	--	--	<0.0062	<0.0088
Carbon disulfide	mg/kg	--	--	--	--	<0.0031	<0.0044
Carbon tetrachloride	mg/kg	--	--	--	--	<0.0031	<0.0044
Chlorobenzene	mg/kg	--	--	--	--	<0.0031	<0.0044
Chloroethane	mg/kg	--	--	--	--	<0.0062	<0.0088
Chloroform	mg/kg	--	--	--	--	<0.0031	<0.0044
Chloromethane	mg/kg	--	--	--	--	<0.0062	<0.0088
cis-1,2-Dichloroethene	mg/kg	--	--	--	--	<0.0031	<0.0044
cis-1,3-Dichloropropene	mg/kg	--	--	--	--	<0.0031	<0.0044
Dibromochloromethane	mg/kg	--	--	--	--	<0.0012	<0.0018
Dibromomethane	mg/kg	--	--	--	--	<0.0031	<0.0044
Dichlorodifluoromethane	mg/kg	--	--	--	--	<0.0062	<0.0088
Diethyl ether	mg/kg	--	--	--	--	<0.0031	<0.0044
Di-isopropyl ether	mg/kg	--	--	--	--	<0.0031	<0.0044
Ethyl tertiary-butyl ether	mg/kg	--	--	--	--	<0.0031	<0.0044
Ethylbenzene	mg/kg	--	--	--	--	<0.0031	<0.0044
Hexachlorobutadiene	mg/kg	--	--	--	--	<0.0031	<0.0044
Isopropylbenzene	mg/kg	--	--	--	--	<0.0031	<0.0044
Methyl tert-butyl ether	mg/kg	--	--	--	--	<0.0031	<0.0044
Methylene chloride	mg/kg	--	--	--	--	<0.0062	<0.0088
Naphthalene	mg/kg	--	--	--	--	<0.0031	<0.0044
n-Butylbenzene	mg/kg	--	--	--	--	<0.0031	<0.0044
n-Propylbenzene	mg/kg	--	--	--	--	<0.0031	<0.0044
o-Chlorotoluene	mg/kg	--	--	--	--	<0.0031	<0.0044
o-Xylene	mg/kg	--	--	--	--	<0.0031	<0.0044
p/m-Xylenes	mg/kg	--	--	--	--	<0.0062	<0.0088
p-Chlorotoluene	mg/kg	--	--	--	--	<0.0031	<0.0044
p-Isopropyltoluene	mg/kg	--	--	--	--	<0.0031	<0.0044
sec-Butylbenzene	mg/kg	--	--	--	--	<0.0031	<0.0044
Styrene	mg/kg	--	--	--	--	<0.0031	<0.0044
Tert-amyl methyl ether	mg/kg	--	--	--	--	<0.0031	<0.0044
Tert-Butylbenzene	mg/kg	--	--	--	--	<0.0031	<0.0044
Tetrachloroethene	mg/kg	--	--	--	--	<0.0031	<0.0044
Tetrahydrofuran	mg/kg	--	--	--	--	<0.0031	<0.0044
Toluene	mg/kg	--	--	--	--	<0.0031	<0.0044
trans-1,2-Dichloroethene	mg/kg	--	--	--	--	<0.0031	<0.0044
trans-1,3-Dichloropropene	mg/kg	--	--	--	--	<0.0031	<0.0044
Trichloroethene	mg/kg	--	--	--	--	<0.0031	<0.0044
Trichlorofluoromethane	mg/kg	--	--	--	--	<0.0031	<0.0044
Vinyl chloride	mg/kg	--	--	--	--	<0.0062	<0.0088
Xylenes, Total	mg/kg	--	--	--	--	<0.0062	<0.0088
Total VOCs	mg/kg	--	--	--	--	0.0475	ND
VOCs - Methanol							
1,1,1,2-Tetrachloroethane	mg/kg	<0.314	<0.228	<0.256	<0.306	<0.175	<0.3
1,1,1-Trichloroethane	mg/kg	<0.314	<0.228	<0.256	<0.306	<0.175	<0.3
1,1,2,2-Tetrachloroethane	mg/kg	<0.314	<0.228	<0.256	<0.306	<0.175	<0.3
1,1,2-Trichloroethane	mg/kg	<0.314	<0.228	<0.256	<0.306	<0.175	<0.3
1,1-Dichloroethane	mg/kg	<0.314	<0.228	<0.256	<0.306	<0.175	<0.3
1,1-Dichloroethene	mg/kg	<0.314	<0.228	<0.256	<0.306	<0.175	<0.3
1,1-Dichloropropene	mg/kg	<0.314	<0.228	<0.256	<0.306	<0.175	<0.3
1,2,3-Trichlorobenzene	mg/kg	<0.314	<0.228	<0.256	<0.306	<0.175	<0.3
1,2,3-Trichloropropane	mg/kg	<0.314	<0.228	<0.256	<0.306	<0.175	<0.3
1,2,4-Trichlorobenzene	mg/kg	<0.314	<0.228	<0.256	<0.306	<0.175	<0.3
1,2,4-Trimethylbenzene	mg/kg	<0.314	<0.228	<0.256	<0.306	<0.175	<0.3
1,2-Dibromo-3-chloropropane	mg/kg	<1.57	<1.14	<1.28	<1.53	<0.875	<1.5
1,2-Dibromoethane	mg/kg	<0.314	<0.228	<0.256	<0.306	<0.175	<0.3
1,2-Dichlorobenzene	mg/kg	<0.314	<0.228	0.532	<0.306	<0.175	<0.3
1,2-Dichloroethane	mg/kg	<0.314	<0.228	<0.256	<0.306	<0.175	<0.3
1,2-Dichloropropane	mg/kg	<0.314	<0.228	<0.256	<0.306	<0.175	<0.3
1,3,5-Trimethylbenzene	mg/kg	<0.314	<0.228	<0.256	<0.306	<0.175	<0.3
1,3-Dichlorobenzene	mg/kg	<0.314	<0.228	<0.256	<0.306	<0.175	<0.3
1,3-Dichloropropane	mg/kg	<0.314	<0.228	<0.256	<0.306	<0.175	<0.3
1,4-Dichlorobenzene	mg/kg	<0.314	<0.228	<0.256	<0.306	<0.175	<0.3
1,4-Dioxane	mg/kg	<62.8	<45.7	<51.2	<61.2	<35	<60.1
2,2-Dichloropropane	mg/kg	<0.314	<0.228	<0.256	<0.306	<0.175	<0.3
2-Butanone	mg/kg	<1.57	<1.14	<1.28	<1.53	<0.875	<1.5
2-Hexanone	mg/kg	<1.57	<1.14	<1.28	<1.53	<0.875	<1.5
4-Methyl-2-pentanone	mg/kg	<1.57	<1.14	<1.28	<1.53	<0.875	<1.5
Acetone	mg/kg	<1.57	<1.14	<1.28	<1.53	<0.875	<1.5
Benzene	mg/kg	<0.314	<0.228	<0.256	<0.306	<0.175	<0.3
Bromobenzene	mg/kg	<0.314	<0.228	<0.256	<0.306	<0.175	<0.3
Bromochloromethane	mg/kg	<0.314	<0.228	<0.256	<0.306	<0.175	<0.3
Bromodichloromethane	mg/kg	<0.314	<0.228	<0.256	<0.306	<0.175	<0.3
Bromoform	mg/kg	<0.314	<0.228	<0.256	<0.306	<0.175	<0.3
Bromomethane	mg/kg	<0.314	<0.228	<0.256	<0.306	<0.175	<0.3
Carbon disulfide	mg/kg	<0.314	<0.228	<0.256	<0.306	<0.175	<0.3
Carbon tetrachloride	mg/kg	<0.314	<0.228	<0.256	<0.306	<0.175	<0.3
Chlorobenzene	mg/kg	<0.314	<0.228	<0.256	<0.306	<0.175	<0.3

TABLE 1

SOIL ANALYTICAL RESULTS
Service Road
Everett, Massachusett

Analyte	Precharacterization Cell ID	SR10	SR10	SR11	SR11	U16	U16
	Sample Name	SR-10 0ft-5ft	SR-10 5ft-10ft	SR-11 0ft-5ft	SR-11 5ft-10ft	U16S01S03A	U16S03BS05
	Lab Sample ID	1606712-05	1606712-06	1606712-07	1606712-08	1602442-10	1602442-11
	Sample Depth	0-5	5-10	0-5	5-10	0-5	5-10
	Sample Date	6/28/2016	6/28/2016	6/28/2016	6/28/2016	2/19/2016	2/19/2016
Chloroethane	mg/kg	<0.314	<0.228	<0.256	<0.306	<0.175	<0.3
Chloroform	mg/kg	<0.314	<0.228	<0.256	<0.306	<0.175	<0.3
Chloromethane	mg/kg	<0.314	<0.228	<0.256	<0.306	<0.175	<0.3
cis-1,2-Dichloroethene	mg/kg	<0.314	<0.228	<0.256	<0.306	<0.175	<0.3
cis-1,3-Dichloropropene	mg/kg	<0.314	<0.228	<0.256	<0.306	<0.175	<0.3
Dibromochloromethane	mg/kg	<0.314	<0.228	<0.256	<0.306	<0.175	<0.3
Dibromomethane	mg/kg	<0.314	<0.228	<0.256	<0.306	<0.175	<0.3
Dichlorodifluoromethane	mg/kg	<0.314	<0.228	<0.256	<0.306	<0.175	<0.3
Diethyl ether	mg/kg	<0.314	<0.228	<0.256	<0.306	<0.175	<0.3
Di-isopropyl ether	mg/kg	<0.314	<0.228	<0.256	<0.306	<0.175	<0.3
Ethyl tertiary-butyl ether	mg/kg	<0.314	<0.228	<0.256	<0.306	<0.175	<0.3
Ethylbenzene	mg/kg	<0.314	<0.228	<0.256	<0.306	<0.175	<0.3
Hexachlorobutadiene	mg/kg	<0.314	<0.228	<0.256	<0.306	<0.175	<0.3
Isopropylbenzene	mg/kg	<0.314	<0.228	<0.256	<0.306	<0.175	<0.3
Methyl tert-butyl ether	mg/kg	<0.314	<0.228	<0.256	<0.306	<0.175	<0.3
Methylene chloride	mg/kg	<0.628	<0.457	<0.512	<0.612	<0.35	<0.601
Naphthalene	mg/kg	<0.314	<0.228	<0.256	<0.306	<0.175	<0.3
n-Butylbenzene	mg/kg	<0.314	<0.228	<0.256	<0.306	<0.175	<0.3
n-Propylbenzene	mg/kg	<0.314	<0.228	<0.256	<0.306	<0.175	<0.3
o-Chlorotoluene	mg/kg	<0.314	<0.228	<0.256	<0.306	<0.175	<0.3
o-Xylene	mg/kg	<0.314	<0.228	<0.256	<0.306	<0.175	<0.3
p/m-Xylenes	mg/kg	<0.628	<0.457	<0.512	<0.612	<0.35	<0.601
p-Chlorotoluene	mg/kg	<0.314	<0.228	<0.256	<0.306	<0.175	<0.3
p-Isopropyltoluene	mg/kg	<0.314	<0.228	<0.256	0.309	<0.175	<0.3
sec-Butylbenzene	mg/kg	<0.314	<0.228	<0.256	<0.306	<0.175	<0.3
Styrene	mg/kg	<0.314	<0.228	<0.256	<0.306	<0.175	<0.3
Tert-amyl methyl ether	mg/kg	<0.314	<0.228	<0.256	<0.306	<0.175	<0.3
Tert-Butylbenzene	mg/kg	<0.314	<0.228	<0.256	<0.306	<0.175	<0.3
Tetrachloroethene	mg/kg	<0.314	<0.228	<0.256	<0.306	<0.175	<0.3
Tetrahydrofuran	mg/kg	<1.57	<1.14	<1.28	<1.53	<0.875	<1.5
Toluene	mg/kg	<0.314	<0.228	<0.256	<0.306	<0.175	<0.3
trans-1,2-Dichloroethene	mg/kg	<0.314	<0.228	<0.256	<0.306	<0.175	<0.3
trans-1,3-Dichloropropene	mg/kg	<0.314	<0.228	<0.256	<0.306	<0.175	<0.3
Trichloroethene	mg/kg	<0.314	<0.228	22	10.5	<0.175	<0.3
Trichlorofluoromethane	mg/kg	<0.314	<0.228	<0.256	<0.306	<0.175	<0.3
Vinyl chloride	mg/kg	<0.314	<0.228	<0.256	<0.306	<0.175	<0.3
Xylenes, Total	mg/kg	<0.628	<0.457	<0.512	<0.612	<0.304	<0.479
Total VOCs	mg/kg	ND	ND	22.532	10.809	ND	ND
SVOCs							
1,2,4-Trichlorobenzene	mg/kg	<0.821	<0.913	<0.822	<0.955	<0.905	<0.962
1,2-Dichlorobenzene	mg/kg	<0.821	<0.913	1.44	<0.955	<0.905	<0.962
1,3-Dichlorobenzene	mg/kg	<0.821	<0.913	<0.822	<0.955	<0.905	<0.962
1,4-Dichlorobenzene	mg/kg	<0.821	<0.913	<0.822	<0.955	<0.454	<0.482
2,4,5-Trichlorophenol	mg/kg	<0.821	<0.913	<0.822	<0.955	<0.905	<0.962
2,4,6-Trichlorophenol	mg/kg	<0.821	<0.913	<0.822	<0.955	<0.905	<0.962
2,4-Dichlorophenol	mg/kg	<0.821	<0.913	<0.822	<0.955	<0.905	<0.962
2,4-Dimethylphenol	mg/kg	<0.821	<0.913	<0.822	<0.955	<0.905	<0.962
2,4-Dinitrophenol	mg/kg	<4.12	<4.58	<4.12	<4.79	<4.54	<4.82
2,4-Dinitrotoluene	mg/kg	<0.821	<0.913	<0.822	<0.955	<0.905	<0.962
2,6-Dinitrotoluene	mg/kg	<0.821	<0.913	<0.822	<0.955	<0.905	<0.962
2-Chloronaphthalene	mg/kg	<0.821	<0.913	<0.822	<0.955	<0.905	<0.962
2-Chlorophenol	mg/kg	<0.821	<0.913	<0.822	<0.955	<0.905	<0.962
2-Methylnaphthalene	mg/kg	<0.821	<0.913	<0.822	<0.955	<0.905	<0.962
2-Methylphenol	mg/kg	<0.821	<0.913	<0.822	<0.955	<0.905	<0.962
2-Nitrophenol	mg/kg	<0.821	<0.913	<0.822	<0.955	<0.905	<0.962
3,3'-Dichlorobenzidine	mg/kg	<1.65	<1.83	<1.65	<1.91	<1.81	<1.93
3-Methylphenol/4-Methylphenol	mg/kg	<1.65	<1.83	<1.65	<1.91	<1.81	<1.93
4-Bromophenyl phenyl ether	mg/kg	<0.821	<0.913	<0.822	<0.955	<0.905	<0.962
4-Chloroaniline	mg/kg	<1.65	<1.83	<1.65	<1.91	<1.81	<1.93
4-Nitrophenol	mg/kg	<4.12	<4.58	<4.12	<4.79	<4.54	<4.82
Acenaphthene	mg/kg	1.07	<0.913	<0.822	<0.955	<0.905	<0.962
Acenaphthylene	mg/kg	<0.821	<0.913	<0.822	<0.955	<0.905	<0.962
Acetophenone	mg/kg	<1.65	<1.83	<1.65	<1.91	<1.81	<1.93
Aniline	mg/kg	<4.12	<4.58	<4.12	<4.79	<4.54	<4.82
Anthracene	mg/kg	3.33	<0.913	<0.822	1.65	<0.905	<0.962
Azobenzene	mg/kg	<0.821	<0.913	<0.822	<0.955	<0.905	<0.962
Benzo(a)anthracene	mg/kg	4.69	<0.913	1.62	3.44	<0.905	<0.962
Benzo(a)pyrene	mg/kg	3.38	0.664	1.29	2.92	0.526	<0.482
Benzo(b)fluoranthene	mg/kg	3.98	1.06	1.71	3.39	<0.905	<0.962
Benzo(ghi)perylene	mg/kg	1.57	<0.913	<0.822	1.48	<0.905	<0.962
Benzo(k)fluoranthene	mg/kg	1.92	<0.913	<0.822	1.5	<0.905	<0.962
Bis(2-chloroethoxy)methane	mg/kg	<0.821	<0.913	<0.822	<0.955	<0.905	<0.962
Bis(2-chloroethyl)ether	mg/kg	<0.821	<0.913	<0.822	<0.955	<0.454	<0.482
Bis(2-chloroisopropyl)ether	mg/kg	<0.821	<0.913	<0.822	<0.955	<0.454	<0.482
Bis(2-ethylhexyl)phthalate	mg/kg	<0.821	<0.913	<0.822	<0.955	<0.905	1.07
Butyl benzyl phthalate	mg/kg	<0.821	<0.913	<0.822	<0.955	<0.905	<0.962
Chrysene	mg/kg	4.28	0.886	1.8	3.59	0.6	<0.482
Dibenzo(a,h)anthracene	mg/kg	0.744	<0.458	<0.412	0.664	<0.454	<0.482
Dibenzofuran	mg/kg	1.11	<0.913	<0.822	<0.955	<0.905	<0.962
Diethyl phthalate	mg/kg	<0.821	<0.913	<0.822	<0.955	<0.905	<0.962
Dimethylphthalate	mg/kg	<0.821	<0.913	<0.822	<0.955	<0.905	<0.962
Di-n-butylphthalate	mg/kg	<0.821	<0.913	<0.822	<0.955	<0.905	<0.962
Di-n-octyl phthalate	mg/kg	<0.821	<0.913	<0.822	<0.955	<0.905	<0.962
Fluoranthene	mg/kg	11.7	1.31	2.97	7.32	1.01	<0.962
Fluorene	mg/kg	1.06	<0.913	<0.822	<0.955	<0.905	<0.962
Hexachlorobenzene	mg/kg	<0.821	<0.913	<0.822	<0.955	<0.454	<0.482
Hexachlorobutadiene	mg/kg	<0.821	<0.913	<0.822	<0.955	<0.905	<0.962

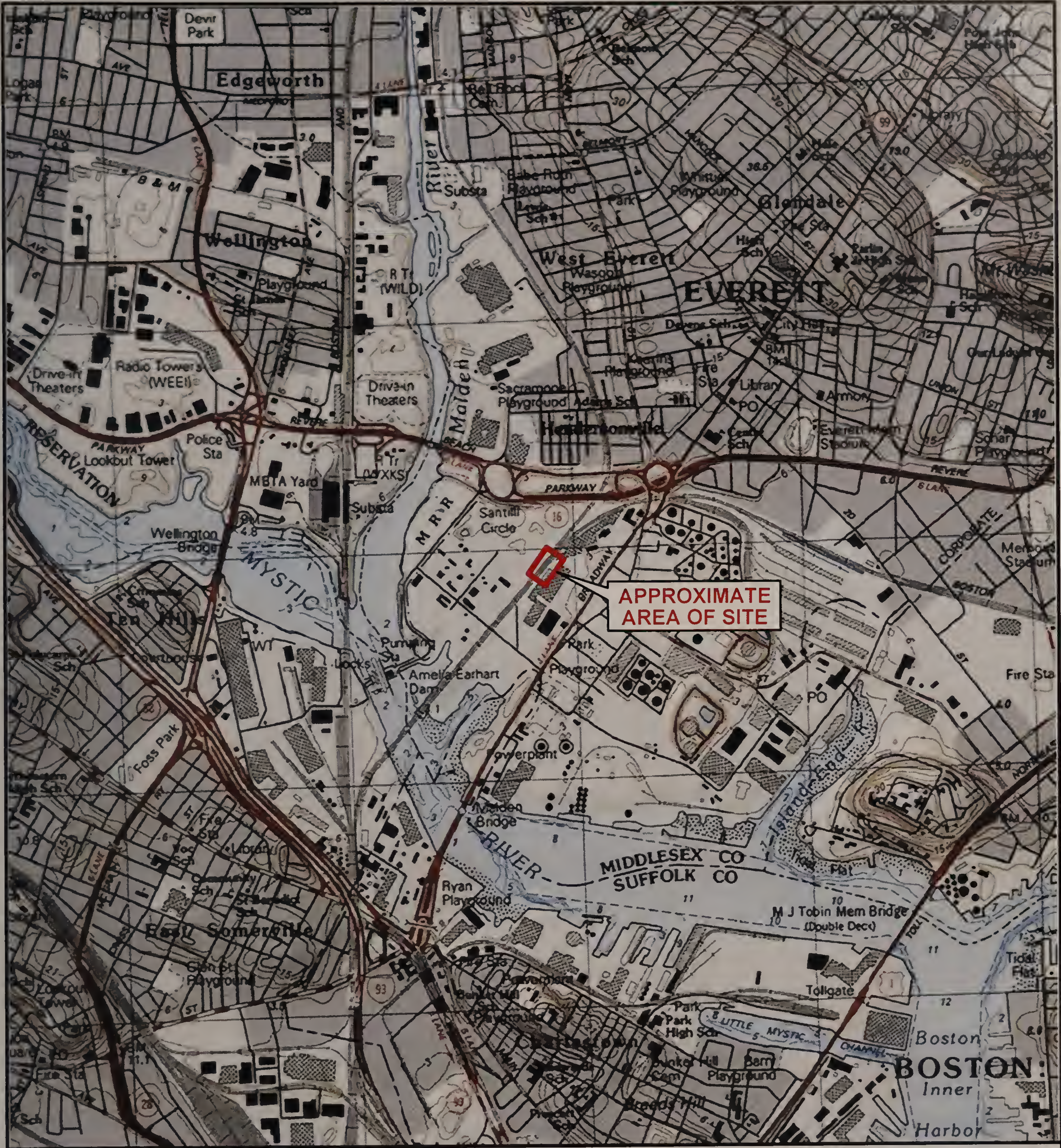
TABLE 1
SOIL ANALYTICAL RESULTS
Service Road
Everett, Massachusett

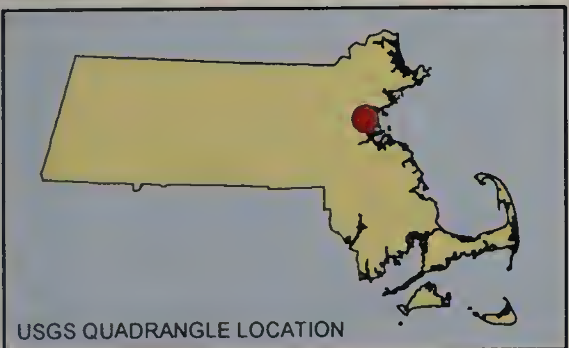
Analyte	Precharacterization Cell ID	SR10	SR10	SR11	SR11	U16	U16
	Sample Name	SR-10 0ft-5ft	SR-10 5ft-10ft	SR-11 0ft-5ft	SR-11 5ft-10ft	U16S01S03A	U16S03BS05
	Lab Sample ID	1606712-05	1606712-06	1606712-07	1606712-08	1602442-10	1602442-11
	Sample Depth	0-5	5-10	0-5	5-10	0-5	5-10
	Sample Date	6/28/2016	6/28/2016	6/28/2016	6/28/2016	2/19/2016	2/19/2016
Hexachloroethane	mg/kg	<0.821	<0.913	<0.822	<0.955	<0.905	<0.962
Indeno(1,2,3-cd)pyrene	mg/kg	1.45	<0.913	<0.822	1.34	<0.905	<0.962
Isophorone	mg/kg	<0.821	<0.913	<0.822	<0.955	<0.905	<0.962
Naphthalene	mg/kg	1.18	<0.913	<0.822	<0.955	<0.905	<0.962
Nitrobenzene	mg/kg	<0.821	<0.913	<0.822	<0.955	<0.905	<0.962
n-Nitrosodimethylamine	mg/kg	<0.821	<0.913	<0.822	<0.955	<0.905	<0.962
Pentachlorophenol	mg/kg	<4.12	<4.58	<4.12	<4.79	<4.54	<4.82
Phenanthrene	mg/kg	11.8	1.1	1.77	6.14	<0.905	<0.962
Phenol	mg/kg	<0.821	<0.913	<0.822	<0.955	<0.905	<0.962
Pyrene	mg/kg	6.65	0.959	2.18	4.97	<0.905	<0.962
Pyridine	mg/kg	<4.12	<4.58	<4.12	<4.79	--	--
Total SVOCs	mg/kg	59.914	5.979	14.78	38.404	2.136	1.07
Classical Chemistry							
Corrosivity (pH)	SU	5.8	6.03	6.81	7.31	6.48	6.8
Conductivity	umhos/cm	1120	1110	841	801	956	748
Flashpoint	deg f	>200	>200	>200	>200	>200	>200
Reactive Cyanide	mg/kg	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Reactive Sulfide	mg/kg	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0

TABLE 2
GROUNDATER ANALYTICAL DATA
Service Road
Everett, Massachusett

Analyte	Well ID Lab Sample ID Sample Date	U-16 1603103-02 3/4/2016
Total Metals	Units	
Antimony	ug/L	<1.0
Arsenic	ug/L	6.3
Cadmium	ug/L	0.2
Chromium	ug/L	<2.0
Chromium III	ug/L	<10
Copper	ug/L	6.9
Iron	ug/L	19800
Lead	ug/L	7.5
Mercury	ug/L	<0.20
Nickel	ug/L	9.9
Selenium	ug/L	<2.0
Silver	ug/L	<0.2
Zinc	ug/L	371
Classical Chemistry		
Chloride	mg/L	992
Hexavalent Chromium	ug/L	<10
Phenols	ug/L	<100
Total Cyanide (LL)	ug/L	<5.00
Total Petroleum Hydrocarbon	mg/L	<5
Total Residual Chlorine	ug/L	<10
Total Suspended Solids	mg/L	248
8011 1,2-Dibromoethane		
1,2-Dibromoethane	ug/L	<0.015
PCBs		
Aroclor 1016	ug/L	<0.09
Aroclor 1221	ug/L	<0.09
Aroclor 1232	ug/L	<0.09
Aroclor 1242	ug/L	<0.09
Aroclor 1248	ug/L	<0.09
Aroclor 1254	ug/L	<0.09
Aroclor 1260	ug/L	<0.09
Aroclor 1262	ug/L	<0.09
Aroclor 1268	ug/L	<0.09
VOCs		
1,1,1-Trichloroethane	ug/L	<1.0
1,1,2-Trichloroethane	ug/L	<1.0
1,1-Dichloroethane	ug/L	<1.0
1,1-Dichloroethene	ug/L	<1.0
1,2-Dichlorobenzene	ug/L	<1.0
1,2-Dichloroethane	ug/L	<1.0
1,3-Dichlorobenzene	ug/L	<1.0
1,4-Dichlorobenzene	ug/L	<1.0
Acetone	ug/L	<10.0
Benzene	ug/L	<1.0
Carbon Tetrachloride	ug/L	<1.0
cis-1,2-Dichloroethene	ug/L	<1.0
Ethylbenzene	ug/L	<1.0
Methyl tert-Butyl Ether	ug/L	<1.0
Methylene Chloride	ug/L	<2.0
Naphthalene	ug/L	<1.0
Tertiary-amyl methyl ether	ug/L	<1.0
Tertiary-butyl Alcohol	ug/L	<25.0
Tetrachloroethene	ug/L	<1.0
Toluene	ug/L	<1.0
Trichloroethene	ug/L	<1.0
Vinyl Chloride	ug/L	<1.0
Xylene O	ug/L	<1.0
Xylene P,M	ug/L	<2.0
SVOCs		
1,4-Dioxane	ug/L	<0.250
Acenaphthene	ug/L	<0.19
Acenaphthylene	ug/L	<0.19
Anthracene	ug/L	<0.19
Benzo(a)anthracene	ug/L	0.05
Benzo(a)pyrene	ug/L	<0.05
Benzo(b)fluoranthene	ug/L	0.06
Benzo(g,h,i)perylene	ug/L	<0.19
Benzo(k)fluoranthene	ug/L	<0.05
bis(2-Ethylhexyl)phthalate	ug/L	<2.34
Butylbenzylphthalate	ug/L	<2.34
Chrysene	ug/L	0.07
Dibenzo(a,h)Anthracene	ug/L	<0.05
Diethylphthalate	ug/L	<2.34
Dimethylphthalate	ug/L	<2.34
Di-n-butylphthalate	ug/L	<2.34
Di-n-octylphthalate	ug/L	<2.34
Fluoranthene	ug/L	<0.19
Fluorene	ug/L	<0.19
Indeno(1,2,3-cd)Pyrene	ug/L	<0.05
Naphthalene	ug/L	<0.19
Pentachlorophenol	ug/L	<0.84
Phenanthrene	ug/L	<0.19
Pyrene	ug/L	<0.19

Figures





SOURCE : THIS MAP CONTAINS THE ESRI ARCGIS ONLINE USA TOPOGRAPHIC MAP SERVICE, PUBLISHED DECEMBER 12, 2009 BY ESRI ARCIMS SERVICES AND UPDATED AS NEEDED. THIS SERVICE USES UNIFORM NATIONALLY RECOGNIZED DATUM AND CARTOGRAPHY STANDARDS AND A VARIETY OF AVAILABLE SOURCES FROM SEVERAL DATA PROVIDERS.

Data Supplied by . esri

N W E S

0 1,000 2,000 4,000 6,000

SCALE IN FEET

GZA

PROJ. MGR.: MMS
DESIGNED BY: DEL
REVIEWED BY: LF
DATE: 07-19-17

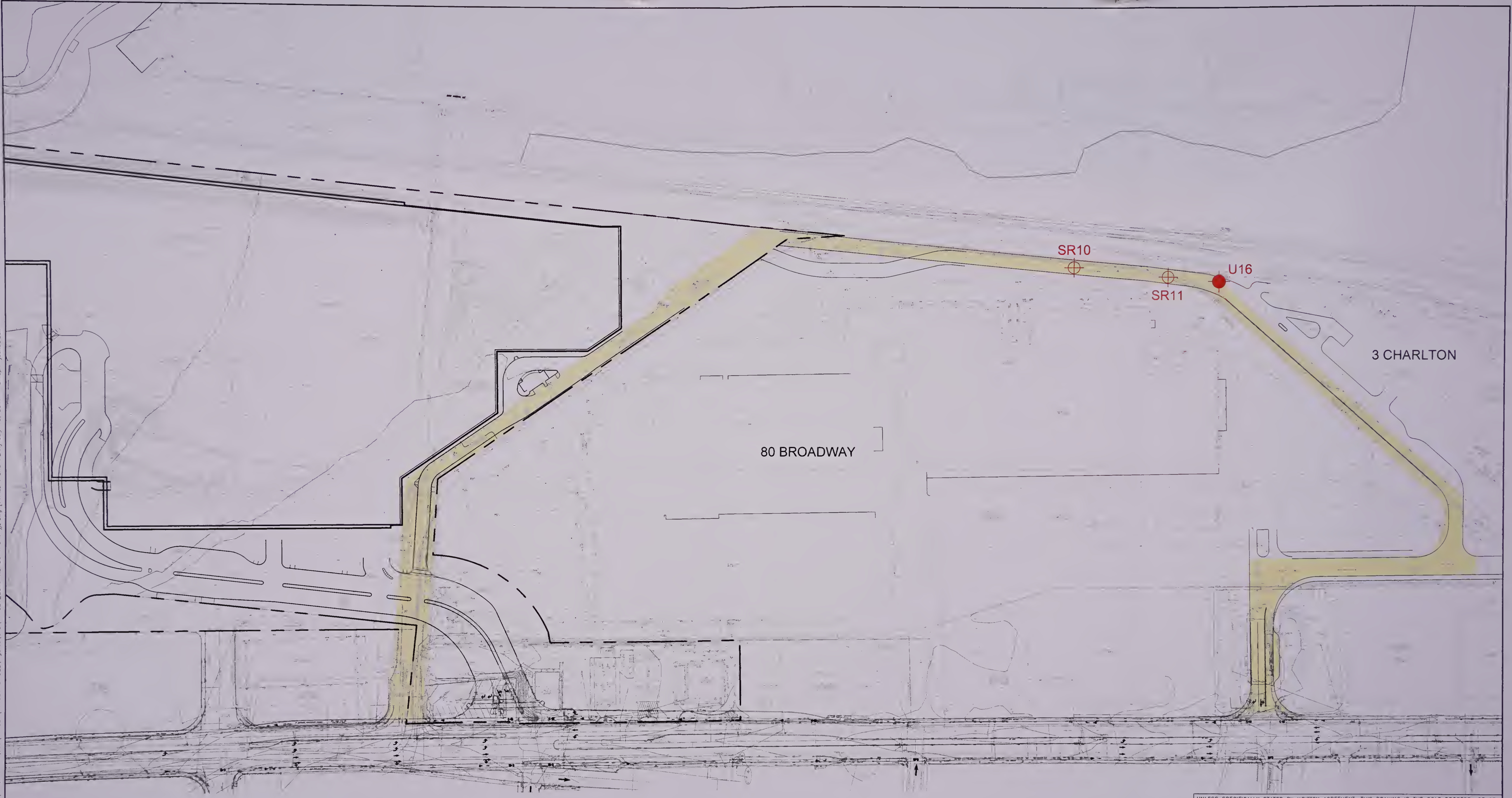
RTN 3-33705
WYNN MA, LLC
EVERETT, MASSACHUSETTS

JOB NO.
01.0171521.60

LOCUS PLAN

FIGURE NO.
1

© 2016 - GZA GeoEnvironmental, Inc., J:\170,000-179,999\171521\171521-41 MMS\Figures\GIS\MXDs\171521-41_URAM_LocusPlan_FIG1.mxd, 7/15/2016, 5:28:35 PM, elaine donohue



LEGEND

- ● U16 EXISTING BORING LOCATION
- ⊕ SR11 SERVICE ROAD BORING LOCATION

SOURCE:

1. THE BASE MAP WAS DEVELOPED FROM ELECTRONIC FILES PROVIDED BY FELDMAN, PROFESSIONAL LAND SURVEYORS ON JANUARY 26, 2016, CAD FILE: 14517-EX-FBT-1-26-2016.DWG.

N

0 40' 80' 160' 240'
SCALE IN FEET

UNLESS SPECIFICALLY STATED BY WRITTEN AGREEMENT, THIS DRAWING IS THE SOLE PROPERTY OF GZA GEOENVIRONMENTAL, INC. (GZA). THE INFORMATION SHOWN ON THE DRAWING IS SOLELY FOR USE BY GZA'S CLIENT OR THE CLIENT'S DESIGNATED REPRESENTATIVE FOR THE SPECIFIC PROJECT AND LOCATION IDENTIFIED ON THE DRAWING. THE DRAWING SHALL NOT BE TRANSFERRED, REUSED, COPIED, OR ALTERED IN ANY MANNER FOR USE AT ANY OTHER LOCATION OR FOR ANY OTHER PURPOSE WITHOUT THE PRIOR WRITTEN CONSENT OF GZA. ANY TRANSFER, REUSE, OR MODIFICATION TO THE DRAWING BY THE CLIENT OR OTHERS, WITHOUT THE PRIOR WRITTEN EXPRESS CONSENT OF GZA, WILL BE AT THE USER'S SOLE RISK AND WITHOUT ANY RISK OR LIABILITY TO GZA.

WYNN MA, LLC
EVERETT, MASSACHUSETTS

SITE PLAN

PREPARED BY

GZA GeoEnvironmental, Inc.
Engineers and Scientists
www.gza.com

PROJ MGR DEL	REVIEWED BY MH	CHECKED BY MH
DESIGNED BY MH	DRAWN BY JJZ	SCALE 1" = 80 FEET
DATE 07-18-2017	PROJECT NO 01.0171521.60	REVISION NO

FIGURE
2

© 2016 - GZA GeoEnvironmental, Inc GZA-\\GZANOR\Jobs\170,000-179,999\171521\171521-21 DEL\Figures\CAD\171521_2010-NEWBURYPORT-jjz dwg [PHASE I SITE PLAN] July 18, 2017 - 8 40pm joshua zoll

GZA

Appendix A – Transmittal Forms BWSC107 and 107B

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

TIER CLASSIFICATION TRANSMITTAL FORM

Pursuant to 310 CMR 40.0500 (Subpart E)

BWSC 107

Release Tracking Number
3 - 33705

A. DISPOSAL SITE LOCATION:

1. Disposal Site Name: SERVICE ROAD

2. Street Address: 3 CHARLTON STREET

3. City/Town: EVERETT

4. ZIP Code: 021490000

5. Coordinates: Latitude: N 42.33910 Longitude: W 71.06638

B. THIS FORM IS BEING USED TO: (check all that apply)

☑ 1. Submit a new **Tier Classification Submittal**, including a **Tier Classification Compliance History** (BWSC107B). Check the tier classification category:

☐ a. Tier I ☑ b. Tier II

c. Check all Tier I criteria that apply, pursuant to 310 CMR 40.0520(2):

☐ i. Groundwater is located within an Interim Wellhead Protection Area, Zone II, or within 500 feet of a Private Water Supply Well, and there is evidence of groundwater contamination by an Oil or Hazardous Material at the time of Tier Classification at concentrations equal to or exceeding the applicable RCGW-1 Reportable Concentration set forth in 310 CMR 40.0360.

☐ ii. An Imminent Hazard is present at the time of Tier Classification.

☐ iii. One or more remedial actions are required as part of an Immediate Response Action pursuant to 310 CMR 40.0414(2).

☐ iv. One or more response actions are required as part of an Immediate Response Action to eliminate or mitigate a Critical Exposure Pathway pursuant to 310 CMR 40.0414(3).

☐ d. Check here if including an **Eligible Person, Eligible Tenant, or Other Person Certification** (BWSC107D)

☑ 2. Submit a **Phase I Completion Statement** as per 310 CMR 40.0480.

If previously submitted, provide date ____________
mm/dd/yyyy

☐ 3. Submit a **Phase II Scope of Work** as per 310 CMR 40.0834.

If previously submitted, provide date ____________
mm/dd/yyyy

☑ 4. Submit a **Phase II Conceptual Scope of Work supporting a Tier Classification Submittal.**

☐ 5. Submit a **Tier Classification Extension Submittal** for Response Actions at a Tier Classified Site including the **Tier Classification Compliance History** (BWSC107B).

☐ 6. Submit a Tier Classification Transfer Submittal for a change in person(s) undertaking Response Actions at a Tier Classified Site including the **Tier Classification Compliance History** (BWSC107B) and the **Tier Classification Transferor Certification** (BWSC107C).

Proposed effective date of transfer : ____________
mm/dd/yyyy

B. THIS FORM IS BEING USED TO: (cont.)

☐ 7. Submit a **Revised Tier Classification Submittal.**
Check the revised Tier Classification Category. If the Tier Classification Category is not changing, indicate the current classification.

☐ a. Tier I ☐ b. Tier II

c. Check all Tier I criteria that apply, pursuant to 310 CMR 40.0520(2):

☐ i. Groundwater is located within an Interim Wellhead Protection Area, Zone II, or within 500 feet of a Private Water Supply Well, and there is evidence of groundwater contamination by an Oil or Hazardous Material at the time of Tier Classification at concentrations equal to or exceeding the applicable RCGW-1 Reportable Concentration set forth in 310 CMR 40.0360.

☐ ii. An Imminent Hazard is present at the time of Tier Classification.

☐ iii. One or more remedial actions are required as part of an Immediate Response Action pursuant to 310 CMR 40.0414(2).

☐ iv. One or more response actions are required as part of an Immediate Response Action to eliminate or mitigate a Critical Exposure Pathway pursuant to 310 CMR 40.0414(3).

☐ d. Check here if including an **Eligible Person, Eligible Tenant, or Other Person Certification** (BWSC107D)

☐ 8. Provide a **Notice that an additional Release Tracking Number(s) is (are) being linked to this Tier Classified Site** (Primary RTN). Future response actions addressing the Release or Threat of Release notification condition associated with additional Release Tracking Numbers (RTNs) will be conducted as part of the Response Actions planned or ongoing at the Primary Site listed above. For a previously Tier Classified Primary Site, if there is a reasonable likelihood that the addition of the new secondary RTN(s) would change the classification of the site, a **Revised Tier Classification Submittal** must also be made.

Provide Release Tracking Number(s): a. ___ - ___ b. ___ - ___

All future Response Actions must occur according to the deadlines applicable to the Primary RTN. Use only the Primary RTN when making future submittals for this site unless specifically relating to response actions started before the linking occurred.

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

TIER CLASSIFICATION TRANSMITTAL FORM
Pursuant to 310 CMR 40.0500 (Subpart E)

BWSC 107

Release Tracking Number
3 - 33705

C. LSP SIGNATURE AND STAMP:

I attest under the pains and penalties of perjury that I have personally examined and am familiar with this transmittal form, including any and all documents accompanying this submittal. In my professional opinion and judgment based upon application of (i) the standard of care in 309 CMR 4.02(1), (ii) the applicable provisions of 309 CMR 4.02(2) and (3), and 309 CMR4.03(2), and (iii) the provisions of 309 CMR 4.03(3), to the best of my knowledge, information and belief,

> *if Section B of this form indicates that a* ***Tier Classification Submittal*** *is being submitted,* this Tier Classification Submittal has been developed in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000 and, the response action(s) that is (are) the subject of this submittal (i) has (have) been developed and implemented in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, (ii) is (are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, and (iii) complies(y) with the identified provisions of all orders, permits, and approvals identified in this submittal;

> *if Section B of this form indicates that a* ***Phase I Completion Statement*** *is being submitted,* the response action(s) that is (are) the subject of this submittal (i) has (have) been developed and implemented in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, (ii) is (are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, and (iii) comply(ies) with the identified provisions of all orders, permits, and approvals identified in this submittal;

> *if Section B of this form indicates that a* ***Phase II Scope of Work*** *is being submitted,* the response action(s) that is (are) the subject of this submittal (i) has (have) been developed in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, (ii) is (are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, and (iii) comply(ies) with the identified provisions of all orders, permits, and approvals identified in this submittal;

> *if Section B of this form indicates that a* ***Tier Classification Extension Submittal*** *or a* ***Tier Classification Transfer Submittal*** *is being submitted,* the response action(s) that is (are) the subject of this submittal (i) is (are) being implemented in accordance with the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, (ii) is (are) appropriate and reasonable to accomplish the purposes of such response action(s) as set forth in the applicable provisions of M.G.L. c. 21E and 310 CMR 40.0000, and (iii) complies(y) with the identified provisions of all orders, permits, and approvals identified in this submittal.

I am aware that significant penalties may result, including, but not limited to, possible fines and imprisonment, if I submit information which I know to be false, inaccurate or materially incomplete.

1. LSP#: 8107

2. First Name: LAWRENCE 3. Last Name: FELDMAN

4. Telephone: 781-278-3700 5. Ext.: 6. Email:

7. Signature: LAWRENCE FELDMAN

8. Date: 7/21/2017
mm/dd/yyyy

9. LSP Stamp:
Electronic Seal

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

TIER CLASSIFICATION TRANSMITTAL FORM
Pursuant to 310 CMR 40.0500 (Subpart E)

BWSC 107

Release Tracking Number
3 - 33705

D. PERSON MAKING SUBMITTAL:

1. Check all that apply: ☐ a. change in contact name ☐ b. change of address ☑ c. change in the person undertaking response actions

2. Name of Organization: WYNN MA, LLC

3. Contact First Name: JACQUI

4. Last Name: KRUM

5. Street: 101 STATION LANDING SUITE 2200

6. Title: GENERAL COUNSEL

7. City/Town: MEDFORD

8. State: MA

9. ZIP Code: 021555150

10. Telephone: 587-770-7802

11. Ext.:

12. Email: jacqui.krum@wynnmass.com

E. RELATIONSHIP OF PERSON MAKING SUBMITTAL TO DISPOSAL SITE:

☐ Check here to change relationship

☑ 1. RP or PRP ☑ a. Owner ☐ b. Operator ☐ c. Generator ☐ d. Transporter

☐ e. Other RP or PRP Specify:

☐ 2. Fiduciary, Secured Lender or Municipality with Exempt Status (as defined by M.G.L. c. 21E, s. 2)

☐ 3. Agency or Public Utility on a Right of Way (as defined by M.G.L. c. 21E, s. 5(j))

☐ 4. Any Other Person Making Submittal Specify Relationship:

F. REQUIRED ATTACHMENT AND SUBMITTALS:

☐ 1. Check here if the Response Action(s) on which this opinion is based, if any, are (were) subject to any order(s), permit(s) and/or approval(s) issued by DEP or EPA. If the box is checked, you MUST attach a statement identifying the applicable provisions thereof.

☑ 2. Check here to certify that the Chief Municipal Officer and the Local Board of Health have been notified of the submittal of any Phase Reports to DEP.

☑ 3. Check here to certify that a copy of the Legal Notice of a Tier Classification or Re-classification Submittal is attached, and a cover letter and a copy of the notice is sent to the Chief Municipal Officer and the Local Board of Health pursuant to 310 CMR 40.0510(3) and 40.1403.

☐ 4. Check here to certify that the owner of a Public Water Supply has been provided written notice pursuant to 310 CMR 40.0510(3).

☐ 5. For a Tier Classification Extension Submittal, check here to certify that a statement summarizing why a Permanent or Temporary Solution has not been achieved at the Disposal Site is attached.

☐ 6. For a Tier Classification Transfer Submittal, check here to certify that a statement summarizing the reasons for the proposed change in person(s) undertaking the Response Actions is attached. All Response Actions must be completed by the deadline applicable to the person who first filed a Tier Classification Submittal for the Disposal Site.

☐ 7. Check here if any non-updatable information provided on this form is incorrect, e.g., Release Address/Location Aid. Send corrections to bwsc.edep@state.ma.us.

☑ 8. Check here to certify that the LSP Opinion containing the material facts, data, and other information is attached.

G. CERTIFICATION OF PERSON MAKING SUBMITTAL:

1. I, JACQUI KRUM, attest under the pains and penalties of perjury (i) that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this transmittal form, (ii) that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material information contained in this submittal is, to the best of my knowledge and belief, true, accurate and complete, and (iii) that I am fully authorized to make this attestation on behalf of the entity legally responsible for this submittal. I/the person or entity on whose behalf this submittal is made am/is aware that there are significant penalties, including, but not limited to, possible fines and imprisonment, for willfully submitting false, inaccurate, or incomplete information.

If submitting a Tier II Classification, Extension or Transfer, I also attest under the pains and penalties of perjury that (i) I/the person(s) or entity(ies) on whose behalf this submittal is made has/have personally examined and am/is familiar with the requirements of M.G.L. c. 21E and 310 CMR 40.0000; (ii) based upon my inquiry of the/those Licensed Site Professional(s) employed or engaged to render Professional Services for the disposal site which is the subject of this Transmittal Form and of the person(s) or entity(ies) on whose behalf this submittal is made, and my/that person's(s') or entity's(ies') understanding as to the estimated costs of necessary response actions, that/those person(s) or entity(ies) has/have the technical, financial and legal ability to proceed with response actions for such site in accordance with M.G.L. c. 21E, 310 CMR 40.0000 and other applicable requirements; and (iii) that I am fully authorized to make this attestation on behalf of the person(s) or entity(ies) legally responsible for this submittal. I/the person(s) or entity(ies) on whose behalf this submittal is made is aware of the requirements in 310 CMR 40.0172 for notifying the Department in the event that I/the person(s) or entity(ies) on whose behalf this submittal is made learn(s) that it/they is/are unable to proceed with the necessary response actions.

2. By: JACQUI KRUM
Signature

3. Title: GENERAL COUNSEL

4. For: WYNN MA, LLC
(Name of person or entity recorded in Section D)

5. Date: 7/20/2017
mm/dd/yyyy

☐ 6. Check here if the address of the person providing certification is different from address recorded in Section D.

7. Street:

8. City/Town:

9. State:

10. ZIP Code:

11. Telephone:

12. Ext.:

13. Email:

YOU ARE SUBJECT TO AN ANNUAL COMPLIANCE ASSURANCE FEE OF UP TO $10,000 PER BILLABLE YEAR FOR THIS DISPOSAL SITE. YOU MUST LEGIBLY COMPLETE ALL RELEVANT SECTIONS OF THIS FORM OR DEP MAY RETURN THE DOCUMENT AS INCOMPLETE. IF YOU SUBMIT AN INCOMPLETE FORM, YOU MAY BE PENALIZED FOR MISSING A REQUIRED DEADLINE.

Date Stamp (DEP USE ONLY):

Received by DEP on 7/21/2017 8:49:49 AM

Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup

TIER CLASSIFICATION COMPLIANCE HISTORY

Pursuant to 310 CMR 40.0540 (Subpart E)

BWSC 107B

Release Tracking Number
3 - 33705

A. DISPOSAL SITE COMPLIANCE HISTORY SUMMARY:

☐ 1. Check here if a Tier Classification Compliance History of the person listed in BWSC107, Section D, was previously submitted, and there has been no change in that person's compliance history, or the person in Section D has no compliance history. If this box is checked, this section does not have to be completed.

2. List all permits or licenses that have been issued by the Department that are relevant to this Disposal Site:

Program	Permit Number	Permit Category	Facility ID
a. Air Quality			
b. Hazardous Waste (M.G.L. c. 21C)			
c. Solid Waste			
d. Industrial Wastewater Management			
e. Water Supply			
f. Water Pollution Control/Surface Water			
g. Water Pollution Control/Groundwater			
h. Water Pollution Control/Sewer Connection			
i. Wetland & Waterways			

3. List all other Federal, state or local permits, licenses, certifications, registrations, variances, or approvals that are relevant to this Disposal Site:

Issuing Authority or Program, or Documentation Type	Identification Number	Date Issued mm/dd/yyyy
NA	NA	1/1/2000

☐ 4. Check here to certify that, if needed, a statement further describing the Compliance History of this Disposal Site is attached.

This statement must describe the compliance history of the person or entity named in BWSC107, Section D with the following: (1) DEP regulations; and (2) other laws for the protection of health, safety, public welfare and the environment administered or enforced by any other government agency. Such a statement should identify information such as: (1) actions relevant to the Disposal Site taken by the Department to enforce its requirements including, but not limited to, a Notice of Noncompliance (NON), Notice of Intent to Assess Civil Administrative Penalty (PAN), Notice of Intent to Take Response Action (NORA), and an administrative enforcement order; (2) administrative consent orders; (3) judicial consent judgements; (4) similar administrative actions taken by other Federal, state or local agencies; (5) civil or criminal actions relevant to the Disposal Site brought on behalf of the DEP or other Federal, state, or local agencies; and (6) any additional relevant information. For each action identified, provide the following information: (1) name of the issuing authority, type of action, identification number and date issued; (2) description of noncompliance cited; (3) current status of the matter; and (4) final disposition, if any.

GZA

Appendix B – Limitations

USE OF REPORT

1. GZA GeoEnvironmental, Inc. (GZA) prepared this report on behalf of, and for the exclusive use of our Client for the stated purpose(s) and location(s) identified in the Proposal for Services and/or Report. Use of this report, in whole or in part, at other locations, or for other purposes, may lead to inappropriate conclusions; and we do not accept any responsibility for the consequences of such use(s). Further, reliance by any party not expressly identified in the agreement, for any use, without our prior written permission, shall be at that party's sole risk, and without any liability to GZA.

STANDARD OF CARE

2. GZA's findings and conclusions are based on the work conducted as part of the Scope of Services set forth in the Proposal for Services and/or Report and reflect our professional judgment. These findings and conclusions must be considered not as scientific or engineering certainties, but rather as our professional opinions concerning the limited data gathered during the course of our work. Conditions other than described in this report may be found at the subject location(s).

3. GZA's services were performed using the degree of skill and care ordinarily exercised by qualified professionals performing the same type of services, at the same time, under similar conditions, at the same or a similar property. No warranty, expressed or implied, is made. Specifically, GZA does not and cannot represent that the Site contains no hazardous material, oil, or other latent condition beyond that observed by GZA during its study. Additionally, GZA makes no warranty that any response action or recommended action will achieve all of its objectives or that the findings of this study will be upheld by a local, state or federal agency.

4. In conducting our work, GZA relied upon certain information made available by public agencies, Client and/or others. GZA did not attempt to independently verify the accuracy or completeness of that information. Inconsistencies in this information which we have noted, if any, are discussed in the Report.

SUBSURFACE CONDITIONS

5. The generalized soil profile(s) provided in our Report are based on widely-spaced subsurface explorations and are intended only to convey trends in subsurface conditions. The boundaries between strata are approximate and idealized, and were based on our assessment of subsurface conditions. The composition of strata, and the transitions between strata, may be more variable and more complex than indicated. For more specific information on soil conditions at a specific location refer to the exploration logs. The nature and extent of variations between these explorations may not become evident until further exploration or construction. If variations or other latent conditions then become evident, it will be necessary to reevaluate the conclusions and recommendations of this report.

6. Water level readings have been made, as described in this Report, in and monitoring wells at the specified times and under the stated conditions. These data have been reviewed and interpretations have been made in this report. Fluctuations in the level of the groundwater however occur due to temporal or spatial variations in areal recharge rates, soil heterogeneities, the presence of subsurface utilities, and/or natural or artificially induced perturbations. The observed water table may be other than indicated in the Report.

COMPLIANCE WITH CODES AND REGULATIONS

7. We used reasonable care in identifying and interpreting applicable codes and regulations necessary to execute our scope of work. These codes and regulations are subject to various, and possibly contradictory, interpretations. Interpretations and compliance with codes and regulations by other parties is beyond our control.

SCREENING AND ANALYTICAL TESTING

8. GZA collected environmental samples at the locations identified in the Report. These samples were analyzed for the specific parameters identified in the report. Additional constituents, for which analyses were not conducted, may be present in soil, groundwater, surface water, sediment and/or air. Future Site activities and uses may result in a requirement for additional testing.

9. Our interpretation of field screening and laboratory data is presented in the Report. Unless otherwise noted, we relied upon the laboratory's QA/QC program to validate these data.

10. Variations in the types and concentrations of contaminants observed at a given location or time may occur due to release mechanisms, disposal practices, changes in flow paths, and/or the influence of various physical, chemical, biological or radiological processes. Subsequently observed concentrations may be other than indicated in the Report.

INTERPRETATION OF DATA

11. Our opinions are based on available information as described in the Report, and on our professional judgment. Additional observations made over time, and/or space, may not support the opinions provided in the Report.

ADDITIONAL INFORMATION

12. In the event that the Client or others authorized to use this report obtain additional information on environmental or hazardous waste issues at the Site not contained in this report, such information shall be brought to GZA's attention forthwith. GZA will evaluate such information and, on the basis of this evaluation, may modify the conclusions stated in this report.

ADDITIONAL SERVICES

13. GZA recommends that we be retained to provide services during any future investigations, design, implementation activities, construction, and/or property development/ redevelopment at the Site. This will allow us the opportunity to: i) observe conditions and compliance with our design concepts and opinions; ii) allow for changes in the event that conditions are other than anticipated; iii) provide modifications to our design; and iv) assess the consequences of changes in technologies and/or regulations.

CONCEPTUAL SITE MODEL

14. Our opinions were developed, in part, based upon a comparison of site data to conditions anticipated within our Conceptual Site Model (CSM). The CSM is based on available information, and professional judgment. There are rarely sufficient data to develop a unique CSM. Therefore observations over time, and/or space, may vary from those depicted in the CSM provided in this report. In addition, the CSM should be evaluated and refined (as appropriate) whenever significant new information and/or data is obtained.

Appendix C – MassDEP Priority Resource Map

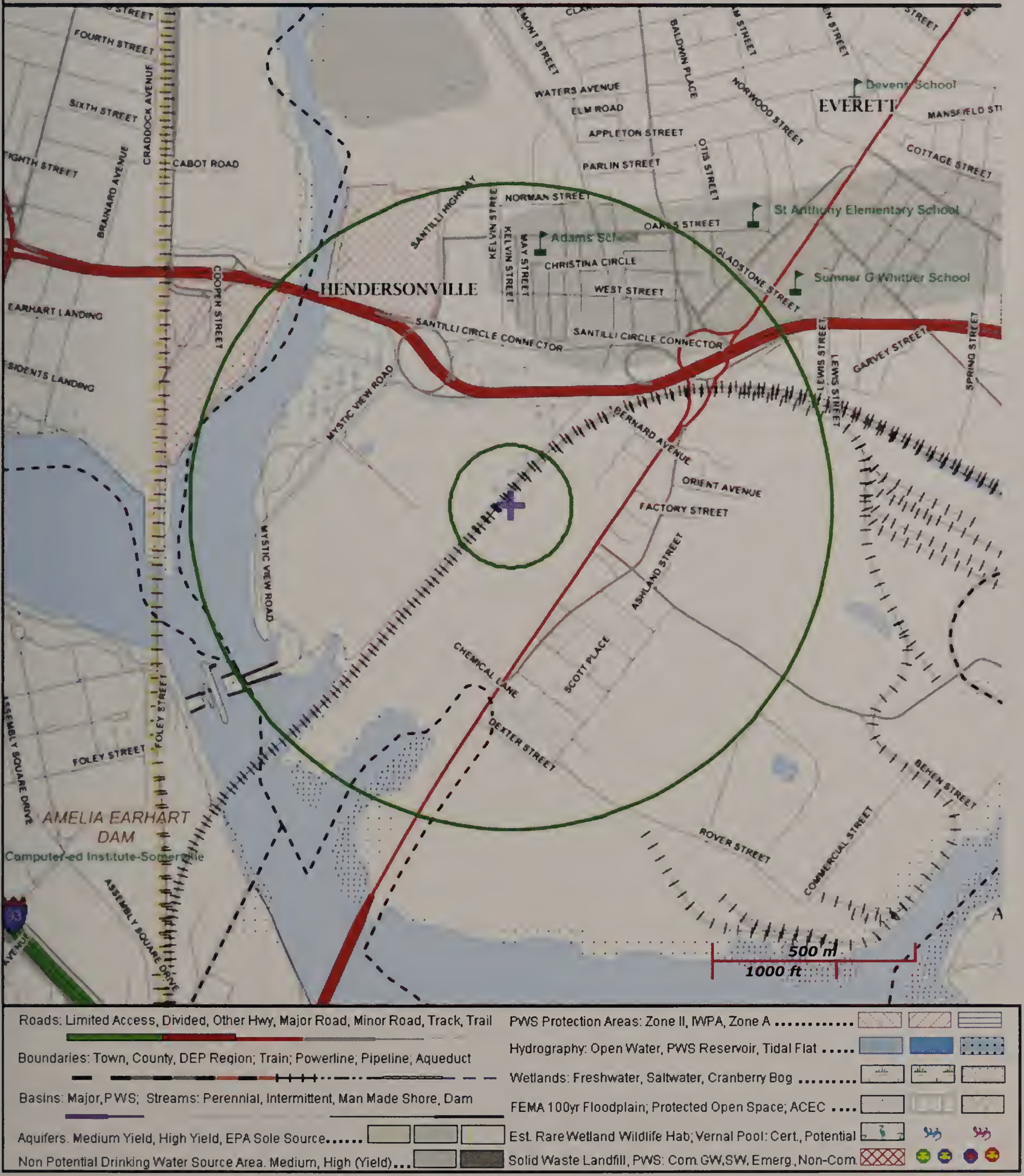
MassDEP - Bureau of Waste Site Cleanup

Phase 1 Site Assessment Map: 500 feet & 0.5 Mile Radii

Site Information:
80 BROADWAY EVERETT, MA
NAD83 UTM Meters:
4696154mN , 329938mE (Zone: 19)
July 13, 2017

The information shown is the best available at the date of printing. However, it may be incomplete. The responsible party and LSP are ultimately responsible for ascertaining the true conditions surrounding the site. Metadata for data layers shown on this map can be found at.
http://www.mass.gov/mgis/.

MassDEP
Commonwealth of Massachusetts
Department of Environmental Protection


FOURTH STREET
SIXTH STREET
EIGHTH STREET
CRADDOCK AVENUE
BRAINARD AVENUE
CABOT ROAD
EARHART LANDING
RESIDENTS LANDING
COOPER STREET
HENDERSONVILLE
SANTILLI HIGHWAY
NORMAN STREET
KELVIN STREET
MAY STREET
Adams School
CHRISTINA CIRCLE
WEST STREET
SANTILLI CIRCLE CONNECTOR
MONT STREET
WATERS AVENUE
ELM ROAD
APPLETON STREET
PARLIN STREET
BALDWIN PLACE
OTIS STREET
NORWOOD STREET
OAKES STREET
Devens School
EVERETT
MANSFIELD STREET
COTTAGE STREET
St Anthony Elementary School
GLADSTONE STREET
Sumner G Whittier School
LEWIS STREET
GARVEY STREET
SPRING STREET
MYSTIC VIEW ROAD
BERNARD AVENUE
ORIENT AVENUE
FACTORY STREET
ASHLAND STREET
SCOTT PLACE
CHEMICAL LANE
DEXTER STREET
BEHEN STREET
ROVER STREET
COMMERCIAL STREET
FOLEY STREET
ASSEMBLY SQUARE DRIVE
AMELIA EARHART DAM
Computer-ed Institute-Somerville
93
500 m
1000 ft
Roads: Limited Access, Divided, Other Hwy, Major Road, Minor Road, Track, Trail
Boundaries: Town, County, DEP Region; Train; Powerline; Pipeline; Aqueduct
Basins: Major, PWS; Streams: Perennial, Intermittent, Man Made Shore, Dam
Aquifers. Medium Yield, High Yield, EPA Sole Source......
Non Potential Drinking Water Source Area. Medium, High (Yield)...
PWS Protection Areas: Zone II, IWPA, Zone A ....
Hydrography: Open Water, PWS Reservoir, Tidal Flat .....
Wetlands: Freshwater, Saltwater, Cranberry Bog ....
FEMA 100yr Floodplain; Protected Open Space; ACEC ....
Est. Rare Wetland Wildlife Hab; Vernal Pool: Cert., Potential
Solid Waste Landfill, PWS: Com. GW, SW, Emerg., Non-Com.

Enclosed on CD:

Appendix D – Soil Analytical Data

Appendix E – Groundwater Analytical Data

Phase I Initial Site Investigation and
Tier Classification
3 Charlton Street, Everett, MA
RTN 3-33705
APPENDICES D & E

July 2017

GZA GeoEnvironmental, Inc.
249 Vanderbilt Avenue | Norwood, MA 02062
www.gza.com

Appendix F – Boring Logs

TEST BORING LOG

GZA GeoEnvironmental, Inc. *Engineers and Scientists*	**Wynn Everett** **Everett, Massachusetts**	**BORING NO.:** U-16 **SHEET:** 1 of 1 **PROJECT NO:** 01.0171521.23 **REVIEWED BY:** MPS

Drilling Co.: New England Boring **Foreman:** John Galvin **Logged By:** Zachary Boswell	**Type of Rig:** ATV **Rig Model:** CME 550 **Drilling Method:** HSA	**Boring Location:** See PlanN - E **Ground Surface Elev. (ft.):** 11.1 **Final Boring Depth (ft.):** 12 **Date Start - Finish:** 2/19/2016 - 2/19/2016	**H. Datum:** See Plan **V. Datum:** NAVD88

Auger/Casing Type: HSA **I.D./O.D.:** 4-1/2"/8-1/2" **Hammer Weight (lb.):** **Hammer Fall (in.):** **Other:**	**Sampler Type:** Split Spoon **I.D./O.D (in.):** 1-3/8"/2" **Sampler Hmr Wt:** 140 lbs **Sampler Hmr Fall:** 30" **Other:** Auto Hammer

Groundwater Depth (ft.)

Date	Time	Water Depth	Well ID
Not	recorded		

Depth (ft)	Casing Blows/ Core Rate	Sample No.	Sample Depth (ft.)	Pen. (in)	Rec. (in)	Blows (per 6 in.)	SPT Value
		S-1	0-2	24	10	8 7 10 9	17
		S-2	2-4	24	15	12 10 7 7	17
5		S-3	4-6	24	11	2 2 1 2	3
		S-4	6-8	24	5	1 1 1/12"	2
		S-5	8-10	24	5	1 1 2 3	3
10		S-6	10-12	24	7	4 3 3 5	6
15							
20							
25							

Sample Description Modified Burmister

6" Asphalt at ground surface.

S-1: Top 5": Brown/black, fine to coarse SAND, little Gravel, little Asphalt, trace Silt. Bottom 5": Olive/tan, Silty CLAY, trace fine to coarse Sand.

S-2: Top 4": Olive/tan, Silty CLAY, trace fine to coarse Sand. Bottom 11": Brown/black, fine to coarse SAND, little Gravel, little Silt, trace Slag, trace Cinders, trace Brick, trace Concrete.

S-3: Very loose, brown/black, wet, fine to coarse SAND, little Gravel, little Silt, trace Slag, trace Cinders.

S-4: Very soft, wet, gray/brown, Silty CLAY, little fine to coarse Sand, little Gravel, trace Slag.

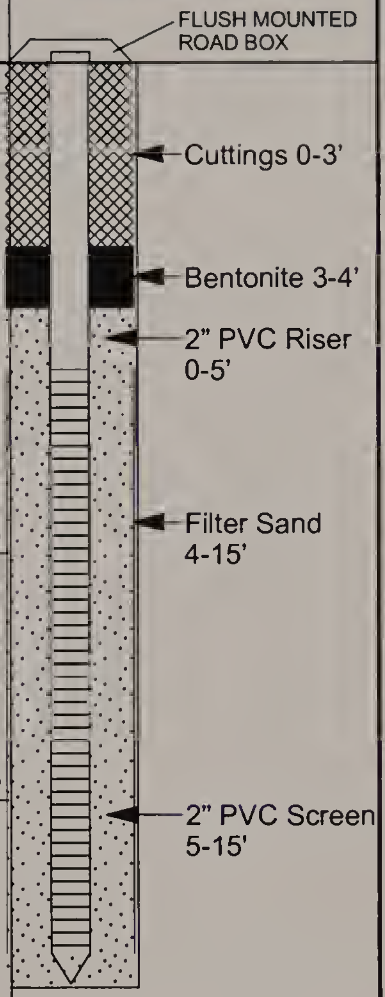
S-5: Soft, gray, wet, Silty CLAY, little fine to coarse Sand, trace Gravel.

S-6: Medium stiff, wet, gray, Silty CLAY, trace fine to coarse Sand, trace Gravel.

Bottom of boring at 12 feet.

Remark	Field Test Data	Depth (ft)	Stratum Description	Elev. (ft)
1		0.5'	ASPHALT	10.6'
			FILL	
		8'		3.1'
			SILTY CLAY	
		12'		-0.9'
2				
3				

Equipment Installed



REMARKS

1. Ground surface elevation estimated from a base map developed from electronic files provided by Feldman Professional Land Surveyors on January 27, 2016, CAD file: 14517-EX-DRAFT-1-27-2016.dwg. Elevations are referenced to the North American Vertical Datum of 1988 (NAVD 88).
2. Upon completion, backfilled borehole with drill cuttings. Placed asphalt cold patch at ground surface.
3. Observation well installed on 3/2/2016

See log key for explanation of sample descriptions and identification procedures. Stratification lines represent approximate boundaries between soil and bedrock types. Actual transitions may be gradual. Water level readings have been made at the times and under the conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the times the measurements were made.

Boring No.: U-16

GZA

Appendix G – Public Notification Documentation

GZA
Proactive by Design

Geotechnical
Environmental
Ecological
Water
Construction Management

249 Vanderbilt Avenue
Norwood, MA 02062
T. 781.278.3700
F: 781.278.5701
F: 781.278.5702
www.gza.com

July 21, 2017
File No. 01.0173110.10

Via Fax & USPS

Mayor Carlo DeMaria
Everett City Hall
484 Broadway
Everett, MA 02149
Fax: 617-381-1150

Everett Board of Health
Everett City Hall
484 Broadway
Everett, MA 02149
Fax: 617-387-2139

Re:MCP Public Involvement Notification
Phase I Initial Site Investigation Report and Tier Classification
3 Charlton Street
Everett, Massachusetts
RTN 3-37705

To Whom It May Concern:

Pursuant to the public involvement requirements of the Massachusetts Contingency Plan (MCP; 310 CMR 40.0000), and specifically Section 40.1403 of the MCP, this letter provides notification that a Phase I Initial Site Investigation (ISI) Report and Tier Classification (TC) have been submitted to the Massachusetts Department of Environmental Protection (MassDEP) for the above-referenced property (Site).

A copy of the Phase I ISI and TC can be viewed under RTN 3-37705 at the MassDEP website: http://public.dep.state.ma.us/SearchableSites2/Search.aspx. A public notice regarding the Tier I Classification will be published in the Boston Globe on July 22, 2017. Response Actions are ongoing under the MCP for RTN 3-37705 and the City of Everett will be notified of the availability of subsequent Phase reports when they become available.

The Site is the location of a release of trichloroethene (TCE) to soil. Based on the current data set, it is GZA's opinion that Site conditions do not appear to present a significant threat to human or environmental receptors; however, as the extent of the release has not yet been defined, additional assessment is warranted, and therefore a Permanent Solution cannot be achieved at this time. To address MCP requirements, we have completed a Tier Classification Submittal. This work indicates that the Site is classified as a Tier II Disposal Site under the MCP.

An Equal Opportunity Employer M/F/V/H

Please note that public involvement opportunities are available under 310 CMR 40.1403(9) and 40.1404. For more information about the public involvement regulations that require this notice and a description of public involvement activities available under the Massachusetts Contingency Plan (MCP), see the MassDEP's web site (http://www.mass.gov/dep/cleanup/ sites/pubinv01.htm).

Please contact the undersigned if you have any questions.

Very truly yours,
GZA GEOENVIRONMENTAL, INC.

Lawrence Feldman

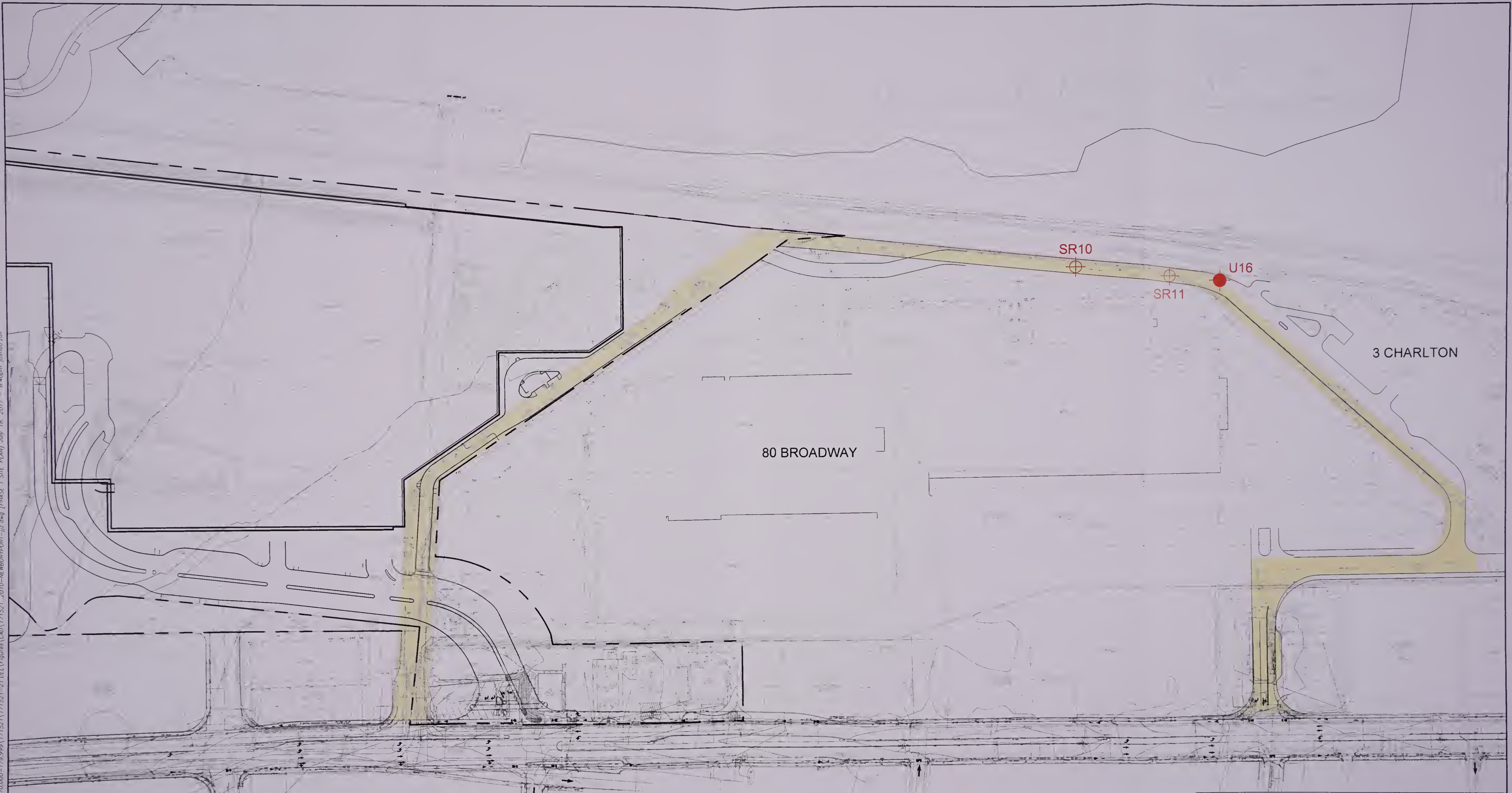
Lawrence Feldman, LSP
Senior Principal

Attachments: Tier Classification Public Notice, Site Plan

J:\170,000-179,999\171521\171521-60.MPS\Service Rd TCE Phase I TC\App G - Public Involvement\Public Notification - Everett.docx

NOTICE OF TIER CLASSIFICATION
3 Charlton Street, Everett, Massachusetts
Release Tracking Number (RTN) 3-37705

A release of oil and/or hazardous materials has occurred at this location, which is a disposal site as defined by M.G.L. c. 21E, § 2 and the Massachusetts Contingency Plan, 310 CMR 40.0000. To evaluate the release, a Phase I Initial Site Investigation was performed pursuant to 310 CMR 40.0480. The site has been classified as Tier II pursuant to 310 CMR 40.0500. On July 21, 2017, Wynn MA, LLC filed a Tier II Classification Submittal with the Department of Environmental Protection (MassDEP). To obtain more information on this disposal site, please contact Jacqui Krum, Wynn MA, LLC, 101 Station Landing, Suite #220, Medford, MA 02155, (857) 770-7802. The Tier Classification Submittal and the disposal site file can be viewed at the MassDEP website using Release Tracking Number (RTN) 3-37705 at http://public.dep.state.ma.us/SearchableSites2/Search.aspx or at MassDEP, Northeast Regional Office, 205B Lowell Street, Wilmington, Massachusetts 01887, (978) 694-3200. Additional public involvement opportunities are available under 310 CMR 40.1403(9) and 310 CMR 40.1404.

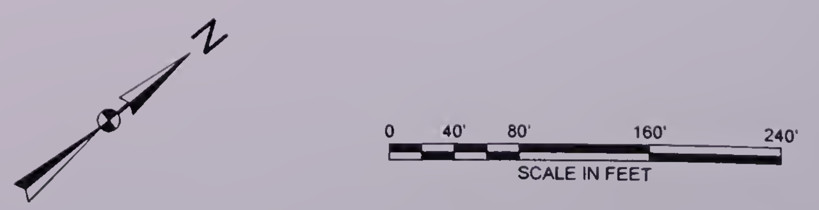


LEGEND

● U16	EXISTING BORING LOCATION
⊕ SR11	SERVICE ROAD BORING LOCATION

SOURCE:

1. THE BASE MAP WAS DEVELOPED FROM ELECTRONIC FILES PROVIDED BY FELDMAN, PROFESSIONAL LAND SURVEYORS ON JANUARY 26, 2016, CAD FILE: 14517-EX-FBT-1-26-2016.DWG



UNLESS SPECIFICALLY STATED BY WRITTEN AGREEMENT, THIS DRAWING IS THE SOLE PROPERTY OF GZA GEOENVIRONMENTAL, INC. (GZA). THE INFORMATION SHOWN ON THE DRAWING IS SOLELY FOR USE BY GZA'S CLIENT OR THE CLIENT'S DESIGNATED REPRESENTATIVE FOR THE SPECIFIC PROJECT AND LOCATION IDENTIFIED ON THE DRAWING. THE DRAWING SHALL NOT BE TRANSFERRED, REUSED, COPIED, OR ALTERED IN ANY MANNER FOR USE AT ANY OTHER LOCATION OR FOR ANY OTHER PURPOSE WITHOUT THE PRIOR WRITTEN CONSENT OF GZA. ANY TRANSFER, REUSE, OR MODIFICATION TO THE DRAWING BY THE CLIENT OR OTHERS, WITHOUT THE PRIOR WRITTEN EXPRESS CONSENT OF GZA, WILL BE AT THE USER'S SOLE RISK AND WITHOUT ANY RISK OR LIABILITY TO GZA.

WYNN MA, LLC
EVERETT, MASSACHUSETTS

SITE PLAN

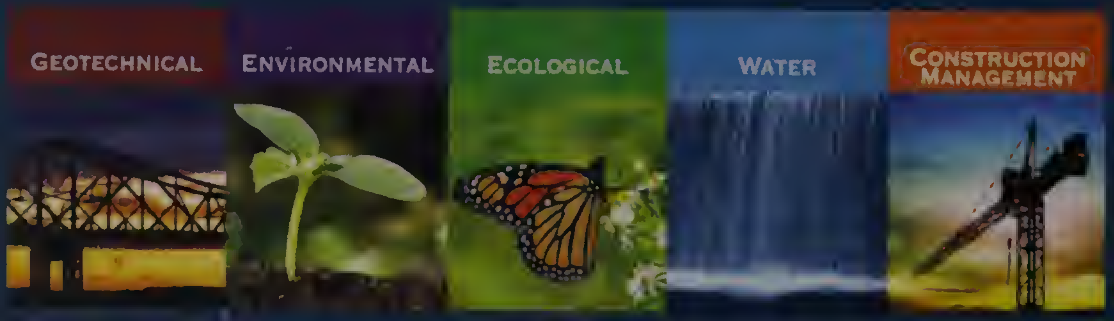
PREPARED BY

GZA GeoEnvironmental, Inc.
Engineers and Scientists
www.gza.com

PROJ MGR	DEL	REVIEWED BY	MH	CHECKED BY	MH	FIGURE
DESIGNED BY	MH	DRAWN BY	JJZ	SCALE	1" = 80 FEET	2
DATE 07-18-2017		PROJECT NO. 01.0171521.60		REVISION NO		

© 2016 - GZA GeoEnvironmental, Inc GZA-\\GZANOR\Jobs\170,000-179,999\171521\171521-21 DEL\Figures\CAD\171521 2010-NEWBURYPORT-jjz.dwg [PHASE I SITE PLAN] July 18, 2017 - 8:40pm joshua.zall

SOMERVILLE
PUBLIC LIBRARY



GZA GeoEnvironmental, Inc.